

Memorandum



Date: May 5, 2015

To: Honorable Chairman Jean Monestime
and Members, Board of County Commissioners

Agenda Item No. 8(A)(2)

From: Carlos A. Gimenez
Mayor

Subject: Award Recommendation for Professional Services Agreement to Burns & McDonnell Engineering Company, Inc. for the South & Central CBIS/CBRA/BHS Program, Project No: A14-MDAD-01, in the amount of \$16,102,752.00

RECOMMENDATION

It is recommended that the Board of County Commissioners (Board) approve the award of a Professional Services Agreement (PSA) to Burns & McDonnell Engineering Company, Inc. for the South & Central Checked Baggage Inspection Systems (CBIS)/Checked Baggage Reconciliation Areas (CBRA)/Baggage Handling System (BHS) Program in the amount of \$16,102,752.00.

DELEGATION OF AUTHORITY

The authority of the Mayor or designee to execute and implement this Agreement is consistent with those authorities granted under the Code of Miami-Dade County. Additional delegation of authority requested for this Agreement includes exercising any termination provisions.

PROJECT NAME: South & Central Checked Baggage Inspection Systems (CBIS)/Checked Baggage Reconciliation Areas (CBRA)/Baggage Handling System (BHS) Program

ISD A/E PROJECT NO.: A14-MDAD-01

CONTRACT NO: A14-MDAD-01

PROJECT DESCRIPTION: The Miami-Dade Aviation Department (MDAD) is seeking the required Architectural/Engineering (A/E) design services including but not limited to construction administration to facilitate the construction of the CBIS/CBRA four-story, 60,000-square-foot facility that will be integrated with the existing Central Terminal structure at Miami International Airport (MIA).

Architectural/Engineering Services are divided into the following work packages:

1. Work Package 1 - CBIS/CBRA Building
2. Work Package 2 – South CBIS/CBRA/BHS Reconfiguration Project
3. Work Package 3 – Central BIS/CBRA/BHS Development Project

PROJECT LOCATION:	Miami International Airport
COMMISSION DISTRICT:	Commissioner Rebeca Sosa's District 6
APPROVAL PATH:	Board of County Commissioners
USING DEPARTMENT:	Miami-Dade Aviation Department
MANAGING DEPARTMENT:	Miami-Dade Aviation Department
<u>FISCAL IMPACT/FUNDING SOURCE</u>	
FUNDING SOURCE:	Transportation Security Administration (TSA) Other Transaction Agreement (70%), Aviation Revenues (30%)
OPERATIONS COST IMPACT:	N/A
MAINTENANCE COST IMPACT/FUNDING:	N/A
PTP FUNDING:	No
GOB FUNDING:	No
PROPOSALS RECEIVED:	Four (4)
SUSTAINABLE BUILDINGS ORDINANCE (I.O. NO. 8-8)	Yes – LEED Certified
CONTRACT PERIOD:	Five (5) years
CONTINGENCY PERIOD:	182 Calendar Days
OPTION TO EXTEND:	None
IG FEE INCLUDED IN BASE CONTRACT:	No
ART IN PUBLIC PLACES:	Yes
BASE ESTIMATE:	\$14,602,360.00
CONTINGENCY ALLOWANCE (Section 2-8.1 Miami-Dade County Code):	Ten (10) percent (\$1,460,236.00)
INSPECTOR GENERAL FEE:	\$40,156.00

**TOTAL DEDICATED
ALLOWANCE:**

None

TOTAL AMOUNT:

\$16,102,752.00

SEA LEVEL RISE:

The impact of sea level rise will be considered.

TRACK RECORD/MONITORING

DUE DILIGENCE:

Pursuant to Resolution R-187-12, due diligence was conducted to determine the consultant's responsibility, including verifying corporate status and that no performance or compliance issues exist. The following searches revealed no adverse findings for the proposing entity: Small Business Development database, convicted vendors, debarred vendors, delinquent contractors, suspended vendors, and federal excluded parties list. The Internal Services Department's (ISD) CIIS database contains three (3) evaluations for Burns & McDonnell Engineering Company, Inc., with an overall 2.1 rating out of a possible 4.0.

**SBD HISTORY OF
VIOLATIONS:**

No violations on record.

MINIMUM QUALIFICATIONS:

The selected prime firm or sub-consultant(s) must possess the following minimum qualifications:

1. Have designed at least five (5) CBIS and CBRA in accordance with the TSA Planning Guidelines and Design Standards (PGDS), version 3.0 and higher in the past five (5) years;
2. Have designed at least one (1) CBIS and CBRA in accordance with the TSA Planning Guidelines and Design Standards (PGDS), version 3.0 and higher in the past five (5) years with a minimum design peak hour throughput rate in excess of 1,800 bags per hour;
3. Have provided construction administration services for the above identified CBIS/CBRA projects;
4. Have designed CBIS/BHS integrated with the automated BHS sortation at a major U.S. Airport for multiple carriers that was designed to process a minimum 1,800 bags/peak hour.

Additional Qualifications

The prime firm or sub-consultant(s) shall have participated or are currently participating in a TSA recapitalization or preferably optimization program on a similar system as described above. At a minimum, the selected prime firm or

sub-consultant(s) must have made major modifications to a system as described above utilizing the TSA PGDS method.

The prime or sub-consultant(s) must have five (5) years of experience in airport Terminal building architecture and/or related engineering design in an airport Terminal building, preferably collaborating with BHS design professionals.

FIRM:	Burns & McDonnell Engineering Company, Inc.
COMPANY PRINCIPAL(S):	Bret Pilney, Principal – Officer In-Charge
LOCATION OF COMPANY:	2701 Ponce De Leon Boulevard Third Floor Coral Gables, Florida 33134-6020
PREVIOUS AGREEMENTS WITH THE COUNTY WITHIN THE PAST FIVE (5) YEARS:	See attached firm history report.
RESPONSIBLE WAGES:	No
REVIEW COMMITTEE ASSIGNED CONTRACT MEASURES:	DBE 26.20% (\$3,936,000.00)
MEASURES ACHIEVED AT AWARD:	DBE 30.00% (\$4,500,000.00)
DBE SUBCONSULTANTS:	Louis J. Aguirre & Associates, P.A. Premiere Design Solutions, Inc. Mobio Architecture, Inc. Gartek Engineering, Corp. Gurri Matute, Inc. P.A.
MANDATORY CLEARINGHOUSE:	N/A
CONTRACT MANAGER:	Miami-Dade Aviation Department Senior Cost Manager Debra Shore, Finance Program Controls
PROJECT MANAGER:	Miami-Dade Aviation Department Senior Cost Manager Debra Shore, Finance Program Controls
BACKGROUND:	This contract is necessary to continue the design as put forth in a 30 percent design package that was prepared for the TSA in 2013 for the optimization of the South Terminal in-line screening BHS and a new in-line BHS for the Central Terminal. TSA funded that work via an Other Transaction Agreement.

SELECTION PROCESS:

On October 9, 2014, a Notice to Professional Consultants was issued under full and open competition. On November 14, 2014, the Clerk of the Board received four (4) proposals.

First Tier (December 8, 2014)

At the First-Tier "Evaluation of Qualifications" meeting December 8, 2014, the Competitive Selection Committee (Committee) reviewed and ranked three (3) of the four (4) proposals. The Committee eliminated one (1) of the proposers, Bermello, Ajamil & Partners, Inc., from the selection process because it found it did not meet the experience and qualification requirements. The remaining proposals were deemed sufficient to determine the qualifications of the proposing firms and, by a unanimous vote, the Committee decided to forego the Second-Tier proceedings.

Subsequent to the December 8, 2014, First-Tier meeting, the Internal Services Department (ISD) reviewed the Committee decision to eliminate Bermello, Ajamil & Partners, Inc. and determined that the Committee should be reconvened to conduct and a "four corners" review of Bermello, Ajamil & Partners, Inc. proposal. On December 9, 2014, the Committee and the four (4) proposers were notified that the First-Tier meeting would reconvene on December 12, 2014.

First Tier (reconvened on December 12, 2014)

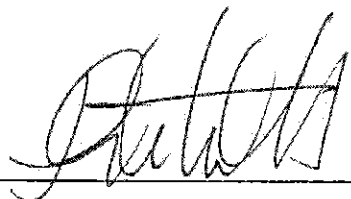
After the Committee concluded its "four corners" review, it determined by a majority vote that Bermello, Ajamil & Partners, Inc. did meet the experience and qualification requirements. The Committee then evaluated Bermello, Ajamil & Partners, Inc. proposal compared its scores with the other proposers and achieved a final overall ranking. The local preference ordinance was applied utilizing the qualitative scores, which resulted in the Committee recommending Corgan Associates, Inc. for award.

First Tier (reconvened on February 10, 2015)

On February 10, 2015, the Committee reconvened and was informed that, based on the recommendation of the County Attorney's Office, no adjustment to the final overall ranking should be made by applying local preference because the top-ranked firm Burns & McDonnell is a local firm. As such, the Committee was advised that it must rescind its previous motion on December 12, 2014 recommending Corgan Associates, Inc., and instead recommend Burns & McDonnell for negotiations.

Negotiations (February 27, 2015 and March 2, 2015)

The Negotiation Committee negotiated with Burns & McDonnell on February 27, 2015, and, on March 2, 2015, an agreement was successfully reached.

A handwritten signature in black ink, appearing to read "Jack Osterholt", written over a horizontal line.

Jack, Osterholt, Deputy Mayor


Memorandum



Date: February 23, 2015

To: Lester Sola, Director
Internal Services Department

Thru: Miriam Singer, CPPO, Sr. Assistant Director
Internal Services Department

From: 
Faith Samuels, Sr. A&E Consultant Selection Coordinator
Chairperson, Competitive Selection Committee

Subject: REVISED NEGOTIATION AUTHORIZATION
Miami-Dade Aviation Department (MDAD)
South & Central Checked Baggage Inspection Systems (CBIS) /
Checked Baggage Reconciliation Areas (CBRA) /
Baggage Handling System (BHS) Program
ISD Project No. A14-MDAD-01

The Competitive Selection Committee (CSC) has completed the evaluation of the proposals submitted in response to the above referenced ISD Project No. following the guidelines published in the Notice to Professional Consultants (NTPC).

ISD Project No.: A14-MDAD-01

Project Title: South & Central Checked Baggage Inspection Systems (CBIS) / Checked Baggage Reconciliation Areas (CBRA) / Baggage Handling System (BHS) Program

Scope of Services Summary: Architectural/Engineering (A/E) design services will be required to include, but not be limited to, construction administration to facilitate the construction of the CBIS/CBRA four-story, 60,000 square foot facility that will be integrated with the existing Central Terminal structure at Miami International Airport (MIA). The resulting professional services agreement from this solicitation will continue the design as put forth in a thirty percent (30%) design package that was prepared in 2013 for the Transportation Security Administration (TSA) for the Optimization of the South Terminal in-line screening Baggage Handling System (BHS) and a new in-line BHS for the Central Terminal.

A/E services are divided into the following work packages:

1. Work Package 1 - CBIS/CBRA Building
2. Work Package 2 - South CBIS/CBRA/BHS Reconfiguration Project
3. Work Package 3 - Central CBIS/CBRA/BHS Development Project

Experience and Qualifications:

The Prime or sub-consultant(s) must have the following minimum qualifications:

1. Have designed at least five (5) CBIS and CBRA in accordance with the Transportation Security Administration Planning Guidelines and Design Standards (PGDS), version 3.0 and higher in the past five (5) years;
2. Have designed at least one (1) CBIS and CBRA in accordance with the TSA Planning Guidelines and Design Standards (PGDS), version 3.0 and higher in the past five (5) years with a minimum design peak hour throughput rate in excess of 1,800 bags per hour;
3. Have provided Construction Administration services for the above identified CBIS/CBRA projects;
4. Have designed CBIS/BHS integrated with the automated BHS sortation at a major U.S. Airport (Category X, preferably) for multiple carriers that was designed to process approximately minimum 1,800 bags/peak hour
5. The Prime or sub-consultant(s) shall have participated or are currently participating in a Transportation Security Administration (TSA) Recapitalization or preferably Optimization Program on a similar system as described above. At a minimum, the Prime or sub-consultant(s) must have made major modifications to a system as described above utilizing the TSA PGDS method of making modifications.
6. The Prime Firm or sub-consultant(s) must have five (5) years of experience in airport Terminal building architecture and/or related engineering design in an airport Terminal building, preferably collaborating with BHS design professionals.

Term of Contract: One consultant/team of firms will be retained under a non-exclusive Professional Services Agreement (PSA) with a cost estimate of \$15,000,000 (inclusive of contingency and the Inspector General Fee), for an effective term of five (5) years.

Disadvantaged Business Enterprise Goal/Measure: On October 1, 2014, the Minority Affairs Division, MDAD, established a 26.2% Disadvantaged Business Enterprise (DBE) goal for this solicitation.

Request to Advertise (RTA) Stamped by the Clerk of the Board (COB): October 9, 2014

Number of Proposals Received: Four (4)

Name of Proposer(s): Please refer to the attached List of Respondents (LOR).

Non-Compliance: At the December 8, 2014 First Tier Meeting, the CSC determined that Bermello, Ajamil & Partners, Inc. (B&A) did not meet the experience and qualifications and eliminated the firm from further evaluation.

First Tier Results: See attached December 8, 2014 First Tier Tabulation Sheet and below summary. Based on the CSC's professional expertise, the information provided in the proposals, with the exception of the B&A proposal, was deemed sufficient to determine the qualifications of the teams. As a result of said determination and by a unanimous vote, the CSC decided to forego Second-Tier proceedings.

DECEMBER 8, 2014 FIRST TIER MEETING
TOTAL ORDINAL SCORES / QUALITATIVE SCORES
RANKING OF RESPONDENTS
SELECTION FOR PSA NEGOTIATION
ONE (1) AGREEMENT WITH A 26.2% DBE GOAL

Corgan Associates, Inc. (Non-Local)
Qualitative Points - 430
Ordinal Score - 5
Final Ranking - 1

The following teams will serve as the alternates:

Burns & McDonnell Engineering Company, Inc. (Local)
Qualitative Points - 401
Ordinal Score - 5
Final Ranking - 2

URS Corporation Southern (Local)
Qualitative Points - 373
Ordinal Score - 9
Final Ranking - 3

December 12, 2014 First Tier Meeting Reconvened: Subsequent to the December 8, 2014 First Tier meeting, staff consulted with senior management pertaining to the CSC's determination regarding the proposers meeting the experience and qualifications and the results of the First-Tier meeting. At the December 8, 2014 First Tier meeting, the committee determined that B&A was not in compliance with the experience and qualifications noted in the solicitation. The committee's review of B&A's proposal indicated that the experience and qualifications information for B&A's specialty subconsultant, BNP Associates, Inc. (BNP), was noted in the letter of interest, but not included on the required ISD reference form to determine whether BNP had designed at least five (5) CBIS and CBRA in accordance with the Transportation Security Administration Planning Guidelines and Design Standards (PGDS), version 3.0 and higher in the past five (5) years. BNP was also a subconsultant on the Burns & McDonnell Engineering Company, Inc.'s (B&M) team. The committee determined that B&M's proposal was compliant given that all the required information to meet the experience and qualifications was properly identified in B&M's proposal. However, the committee found B&A not in compliance as the required information regarding their specialty subconsultant was not included in their proposal. This resulted in an inconsistency in the committee's determination.

As such, the CSC was reconvened in order for the committee to conduct a thorough review of their determination to eliminate B&A. On December 9, 2014, the CSC and the four proposers were notified of the reconvened First Tier meeting scheduled for December 12, 2014. At the December 12, 2014 reconvened First Tier meeting, the CSC was instructed to conduct a "four corners" review of the B&A proposal and consider the information provided for BNP in B&M's

proposal. The CSC was advised that they would not be able to re-score the other three proposers evaluated at the December 8, 2014 First Tier meeting. After the CSC's thorough review and detailed discussion of B&A's proposal, inclusive of BNP's information as submitted in the B&M proposal, the CSC by majority vote determined that B&A met the experience and qualifications. The CSC proceeded to evaluate B&A's proposal. After inputting of B&A's scores with the scores of the other three proposers from the December 8, 2014 First-Tier meeting, a final ranking was determined.

December 12, 2014 First Tier Reconvened Results: At the December 12, 2014 First Tier Reconvened Meeting, the CSC ranked the firms. A local firm was the top ranked firm in the final ordinal ranking, however, upon application of local preference utilizing the qualitative scores, the non-local firm was ranked number one in the Final Ranking. See attached December 12, 2014 Reconvened First Tier Tabulation Sheet and below summary.

DECEMBER 12, 2014 RECONVENED FIRST TIER MEETING
TOTAL ORDINAL SCORES / QUALITATIVE SCORES
RANKING OF RESPONDENTS
SELECTION FOR PSA NEGOTIATION
ONE (1) AGREEMENT WITH A 26.2% DBE GOAL

Corgan Associates, Inc. (Non-Local)
Qualitative Points - 430
Ordinal Score - 6
Final Ranking - 1

The following teams will serve as the alternates:

Burns & McDonnell Engineering Company, Inc. (Local)
Qualitative Points - 401
Ordinal Score - 5
Final Ranking - 2

URS Corporation Southern (Local)
Qualitative Points - 373
Ordinal Score - 9
Final Ranking - 3

Second Tier Results Based upon the December 12, 2014 First Tier Reconvened Meeting: Not applicable. Based on the CSC's professional expertise the information provided in the proposals was deemed sufficient to determine the qualifications of the teams. As a result of said determination and by a unanimous vote, the CSC decided to forego Second Tier proceedings.

Authorization to Enter Negotiations based upon the December 12, 2014 First Tier Reconvened Meeting: On December 19, 2014, the County Mayor's designee authorized negotiations based upon the December 12, 2014 Final Ranking as noted above.

February 10, 2015 First Tier Meeting Reconvened: In evaluating the application of local preference in this solicitation, and in consultation with the County Attorney's Office, it was determined that no adjustment to the final ordinal ranking should be made by applying local preference because the top ranked firm, after computing the ordinal scores, is a local firm. As

such, the application of the local preference using qualitative scores does not affect the ordinal ranking of the firms.

As a result of the above, the CSC was reconvened on February 10, 2015. Based on the advice of the County Attorney's Office, the CSC was advised that they must rescind their original motion in order to correct the application of the local preference policy. A new motion was made to rescind the previous motion of the December 12, 2014 CSC meeting and to recommend to the County Mayor's designee, Burns and McDonnell Engineering Company (the local firm) for negotiations. Ms. Debra Shore, a CSC member representing the Miami-Dade Aviation Department, stated that she believed it would be in the best interest of the airport and the airlines to have a Second Tier meeting (Oral Presentations) with the firms. In addition, Ms. Shore stated that the Second Tier meeting would confirm that the most qualified team is awarded the project. The request for consideration to have a Second-Tier meeting was deferred to the Assistant County Attorney in attendance at the meeting. Mr. David Murray, Assistant County Attorney, advised that it was his understanding that the CSC voted after receiving all the information for the solicitation and had enough information to proceed with the rankings and determined that a Second Tier Meeting was not required. Mr. Murray stated that given the fact that there has been no material change in the information presented to the committee, it would be difficult to justify a Second Tier process at this point, although the County Mayor's designee could determine that a Second Tier (Oral Presentations) is required for this solicitation. No scores were changed from the December 12, 2014 First-Tier Meeting.

February 10, 2015 First Tier Reconvened Results: See attached February 10, 2015 Reconvened First Tier Tabulation Sheet and below summary.

FEBRUARY 10, 2015 RECONVENED FIRST TIER MEETING
TOTAL ORDINAL SCORES / ORDINAL RANKING
RANKING OF RESPONDENTS
SELECTION FOR PSA NEGOTIATION
ONE (1) AGREEMENT WITH A 26.2% DBE GOAL

Burns & McDonnell Engineering Company, Inc. (Local)
Ordinal Score - 5
Final Ranking - 1

The following teams will serve as the alternates:

Corgan Associates, Inc. (Non-Local)
Ordinal Score - 6
Final Ranking - 2

URS Corporation Southern (Local)
Ordinal Score - 9
Final Ranking - 3

Second Tier Results: The December 12, 2014 motion to forego Second Tier proceedings remains unchanged.

Request for Appointment of Negotiation Committee: Pursuant to Section 2-10.4 (6) of the Code of Miami-Dade County, ISD hereby requests the County Mayor or his designee approve the following Negotiation Committee, for the purpose of negotiating a non-exclusive PSA for this solicitation with the top ranked firm:

Marie Clark-Vincent, MDAD Non-Voting Chairperson
Debra Shore, MDAD
Jose Luis Rodriguez, MDAD
Pedro Hernandez, MDAD*
Joseph Marcelin, WASD

*MDAD requested the addition of Mr. Pedro Hernandez, P.E., Assistant Director, Facilities Development Management, to the negotiation committee. Mr. Hernandez has considerable knowledge and experience and will be an asset to the negotiation committee.

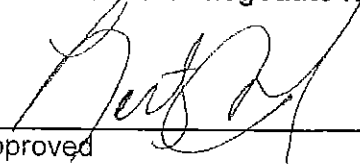
Pursuant to the Cone of Silence legislation included in the Conflict of Interest and Code of Ethics Ordinance, and Section 2-11.1 of the County Code, the County Mayor or his designee will report to the Board of County Commissioners any of the following instances:

- When negotiations do not commence, or other affirmative action is not taken, within 30 days of the Competitive Selection Committee's recommendation.
- When the County Mayor or his designee's recommendation to award or reject is not made within 90 days from the date of the Competitive Selection Committee's recommendation.

If approved, the Negotiation Committee is to proceed with the contract negotiations pursuant to Section 6 of the above-mentioned Code, and submit the signed contract ready to be presented to the BCC for final approval no later than 60 days from the date of this memorandum. Should negotiations fail with the top ranked firm, approval is requested by way of this memorandum to initiate negotiations with the second ranked firm.

If a satisfactory agreement cannot be reached within the 60 day period, a report is required to be prepared fully explaining all problems resulting from the negotiations. If negotiations are proceeding within a reasonable timeframe, then negotiations are to continue and the report is to be submitted upon completion. The final contract and report should be sent to this office.

Authorization to negotiate is:


Approved _____ Date 2/25/15

Attachments:

1. List of Respondents
2. December 8, 2014 First Tier Tabulation Sheet
3. December 12, 2014 First Tier Reconvened Tabulation Sheet
4. February 10, 2015 First Tier Reconvened Tabulation Sheet
5. December 18, 2014 Negotiation Authorization Memorandum

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Revised Negotiation Authorization
Miami-Dade Aviation Department
ISD Project No. A14-MDAD-01

c: Emilio T. Gonzalez, Director, MDAD
Competitive Selection Committee
Clerk of the Board of County Commissioners



MIAMI DADE COUNTY
INTERNAL SERVICES DEPARTMENT

LIST OF RESPONDENTS

ISD Project Name: South & Central Checked Baggage Inspection Systems (CBIS)/Checked Baggage Reconciliation Areas (CBRA)/Baggage Handling System (BHS) Program

ISD Project No.: A14-MDAD-01

Measures: 26.2% DBE Goal

Number of Agreements: 1

Contract Type: PROJECT SPECIFIC

Submittal Date: 11/07/2014

Submittal No: 1

Prime Name: URS CORPORATION SOUTHERN

Trade Name: GREINER SOUTHERN, INC.

Prime Local Preference: Yes

FEIN No.: 592087895

Subs Name	Trade Name	Subs FEIN No.
a. H.J. ROSS ASSOCIATES, INC.		650163389
b. PEREZ & PEREZ ARCHITECTS PLANNERS, INC.		592400309
c. GURRI MATUTE, P A		651038126
d. JOHNSON, AVEDANO, LOPEZ, RODRIGUEZ & WALEWSKI ENGINEERING GROUP, INC.	JALRW ENGINEERING GROUP, INC	592600954
e. NIFAH AND PARTNERS CONSULTING ENGINEERS, INC.		650604266
f. AVINO & ASSOCIATES, INC.		650053775
g. JORDIM ENGINEERING, LLC		272543048
h. CONTROLLOGIX, LLC DBA CLX ENGINEERING	CLX ENGINEERING	800374444
i. TRANSSOLUTIONS, L. L. C.		752780979



MIAMI DADE COUNTY
INTERNAL SERVICES DEPARTMENT

LIST OF RESPONDENTS

ISD Project No.: A14-MDAD-01

Measures: 26.2% DBE Goal

Number of Agreements: 1

Contract Type: PROJECT SPECIFIC

Submittal Date: 11/07/2014

Submittal No: 2

Prime Name: BERMELO, AJAMIL & PARTNERS, INC.

Trade Name:

Prime Local Preference: Yes

FEIN No.: 591722486

Subs Name	Trade Name	Subs FEIN No.
a. BNP ASSOCIATES, INC.		060871669
b. SOL - ARCH, INC.		203874445
c. H.J. ROSS ASSOCIATES, INC.		650163389
d. NIFAH AND PARTNERS CONSULTING ENGINEERS, INC.		650604266
e. FRAGA ENGINEERS, LLC		204038436
f. AYLWARD ENGINEERING & SURVEYING, INC.	JAMES AYLWARD & ASSOCIATES, INC.	650077815
g. ROSS & BARUZZINI, INC.		430787438
h. C. M. S. - CONSTRUCTION MGMT. SERVICES, INC.		591980267
i. SEQUIL SYSTEMS, INC.		611429151

Submittal No: 3

Prime Name: BURNS & MCDONNELL ENGINEERING COMPANY, INC.

Trade Name:

Prime Local Preference: Yes

FEIN No.: 430956142

Subs Name	Trade Name	Subs FEIN No.
a. BNP ASSOCIATES, INC.		060871669
b. GURRI MATUTE, P A		651038126
c. LOUIS J. AGUIRRE & ASSOCIATES, P.A.		650164013
d. MOBIO ARCHITECTURE, INC.		300793220
e. PREMIERE DESIGN SOLUTIONS, INC.		260571068
f. GARTEK ENGINEERING CORPORATION		592032388
g. DDA ENGINEERS, P.A.		650138165
h. JSM & ASSOCIATES, LLC		261660700



MIAMI DADE COUNTY
INTERNAL SERVICES DEPARTMENT

LIST OF RESPONDENTS

ISD Project No.: A14-MDAD-01

Measures: 26.2% DBE Goal

Number of Agreements: 1

Contract Type: PROJECT SPECIFIC

Submittal Date: 11/07/2014

Submittal No: 4

Prime Name: CORGAN ASSOCIATES, INC

Trade Name:

Prime Local Preference: No

FEIN No.: 751079692

Subs Name	Trade Name	Subs FEIN No.
a. VIC THOMPSON COMPANY		752727229
b. CARTY ARCHITECTURE, LLC		900811358
c. BLISS & NYITRAY INC		591203311
d. CIVIL WORKS, INC.		650673629
e. SDM CONSULTING ENGINEERS, INC.		592346110
f. KEITH AND ASSOCIATES, INC.		650806421
g. CONNICO INCORPORATED		621451266
h. INNOVATION TECHNOLOGY PARTNERS, INC.		264107701
i. TRANSSOLUTIONS, L. L. C.		752780979

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December 8, 2014

Checked Baggage Inspection Systems (CBIS) / Checked Baggage Reconciliation System (cbra) / Baggage Handling System (BHS) Program
ISD PROJECT NO. A14-MDAD-01

NAME OF FIRM(S)

of firms including team members associated to the project (Max. 50 points)
and Past Experience of similar type projects (Max. 20 points)
Finance of the Firms (Max. 20 points)
Fork Awarded and Paid by the County (Max. 5 points)
m members to interface with the County (Max 5 points)

No. 1, 3, 4, 5, & 6 / Criteria(CR) 1A, 2A, 3A, 4A, 5A, Total Qualitative Points for Criteria 1A,

of firms including team members associated to the project (Max. 50 points)
and Past Experience of similar type projects (Max. 20 points)
Finance of the Firms (Max. 20 points)
Work Awarded and Paid by the County (Max. 5 points)
Team members to interface with the County (Max. 5 points)

No. 1, 2, 3, 4, 5, & 6 / Criteria(CR) 1A, 2A, 3A, 4A, 5A, Total Qualitative Points for Criteria 1A.

of firms including team members associated to the project (Max. 50 points)
 and Past Experience of similar type projects (Max. 20 points)
 Experience of the Firms (Max. 20 points)
 Work Awarded and Paid by the County (Max. 5 points)
 Firm members to Interface with the County (Max 5 points)

No. 1, 2, 3, 4, 5, & 6 / Criteria(CR) 1A, 2A, 3A, 4A, 5A, Total Qualitative Points for Criteria 1A.

Chairperson

FIRST - TIER MEETING December 8, 2014										Miami-Dade Aviation Department Checked Baggage Inspection Systems (CBIS) / Checked Baggage Reconciliation System (cbra) / Baggage Handling System (BHS) Program ISD PROJECT NO. A14-MDAD-01										TABULATION SHEET									
COMPETITIVE SELECTION COMMITTEE				SUB-TOTAL		Average		Low Disparity		High Disparity		TOTAL QUALITATIVE POINTS		QUALITATIVE RANKING		LOCAL PREFERENCE RANGE		TOTAL ORDINAL SCORES		ORDINAL RANKING									
Southern - LP																													
of firms including team members associated to the project (Max. 50 points) and Past Experience of similar type projects (Max. 20 points) ance of the Firms (Max. 20 points) ork Awarded and Paid by the County (Max. 5 points) m members to interface with the County (Max 5 points)																													
Debra Shore, MDAD				Joseph Marcelin, WASD		Jose Posada, PortMiami		Lisselle Martinez, PHCD		195		39		25		52		373		3									
20				40		45		45		45		45		45		45		45		45									
7				15		15		15		15		15		15		15		15		15									
15				15		15		15		15		15		15		15		15		15									
1				1		3		3		3		3		3		3		3		3									
4				4		5		5		5		5		5		5		5		5									
47				75		83		83		85		85		85		85		85		85									
3				3		1		3		3		3		3		3		3		3									
3				3		1		1		3		3		3		3		3		3									
No. 1, 2, 3, 4, 5, & 6 / Criteria(CR) 1A, 2A, 3A, 4A, 5A, Total Qualitative Points for Criteria 1A.																													
ell Engineering Company, Inc. - LP																													
of firms including team members associated to the project (Max. 50 points) and Past Experience of similar type projects (Max. 20 points) ance of the Firms (Max. 20 points) ork Awarded and Paid by the County (Max. 5 points) m members to interface with the County (Max 5 points)																													
30				45		40		50		48		213		43		29		57		2									
10				17		10		20		18		75		15		10		20		2									
12				17		10		18		18		75		15		10		20		2									
2				3		4		4		3		16		3		2		4		2									
3				4		5		5		5		22		4		3		6		2									
57				86		69		97		92		92		92		92		92		92									
2				2		3		1		1		213		43		29		57		2									
2				2		3		1		1		213		43		29		57		2									
No. 1, 2, 3, 4, 5, & 6 / Criteria(CR) 1A, 2A, 3A, 4A, 5A, Total Qualitative Points for Criteria 1A.																													
as, Inc. - NOT LOCAL																													
of firms including team members associated to the project (Max. 50 points) and Past Experience of similar type projects (Max. 20 points) ance of the Firms (Max. 20 points) ork Awarded and Paid by the County (Max. 5 points) m members to interface with the County (Max 5 points)																													
49				47		40		50		47		233		47		31		62		430									
19				18		15		20		18		90		18		12		24		409									
10				18		10		15		18		71		14		10		19		1									
3				4		4		5		5		21		4		3		6		1									
3				4		2		3		3		15		3		2		4		1									
84				91		71		93		91		91		91		91		91		91									
1				1		2		2		2		233		47		31		62		1									
1				1		2		2		2		233		47		31		62		1									
No. 1, 2, 3, 4, 5, & 6 / Criteria(CR) 1A, 2A, 3A, 4A, 5A, Total Qualitative Points for Criteria 1A.																													
ance D Chairperson																													

RECONVENED FIRST - TIER MEETING

December 12, 2014

Miami-Dade Aviation Department
South & Central Checked Baggage Inspection Systems (CBIS) / Checked Baggage Reconciliation System (cbra) / Baggage Handling System (BHS) Program
ISD PROJECT NO. A14-MDAD-01

TABULATION SHEET

COMPETITIVE SELECTION COMMITTEE	SUB-TOTAL	Average	Low Disparity	High Disparity	TOTAL QUALITATIVE POINTS	QUALITATIVE RANKING	LOCAL PREFERENCE RANGE	TOTAL ORDINAL SCORES	ORDINAL RANKING	LOCAL PREFERENCE RANKING	FINAL RANK
1 URS Corporation Southern - LP	Debra Shore, MDAD										
	Jose Luis Rodriguez, MDAD										
	Joseph Marcellin, WASD										
	Jose Posada, PortMiami										
	Lisette Martinez, PHCD										
	1A - Qualification of firms including team members associated to the project (Max 50 points)	20	40	45	45	195	38	26	52		
	2A - Knowledge and Past Experience of similar type projects (Max 20 points)	7	15	15	15	68	14	9	18		
	3A - Past Performance of the Firms (Max 20 points)	15	15	15	15	77	15	10	20		
	4A - Amount of Work Awarded and Paid by the County (Max 5 points)	1	1	1	3	10	2	1	3		
	5A - Ability of team members to interface with the County (Max 5 points)	4	4	5	5	23	5	3	5		
2 Bomello, Alamil & Partners, Inc. - LP	1A - Qualification of firms including team members associated to the project (Max 50 points)	3	3	1	4	85					
	2A - Knowledge and Past Experience of similar type projects (Max 20 points)	3	3	1	4	3					
	3A - Past Performance of the Firms (Max 20 points)	3	3	1	4	3					
	4A - Amount of Work Awarded and Paid by the County (Max 5 points)	3	3	1	4	3					
	5A - Ability of team members to interface with the County (Max 5 points)	3	3	1	4	3					
	1A - Qualification of firms including team members associated to the project (Max 50 points)	15	38	40	50	42	37	25	49		
	2A - Knowledge and Past Experience of similar type projects (Max 20 points)	5	14	15	20	15	14	9	18		
	3A - Past Performance of the Firms (Max 20 points)	12	14	15	18	17	15	10	20		
	4A - Amount of Work Awarded and Paid by the County (Max 5 points)	2	2	4	4	2	14	3	2		
	5A - Ability of team members to interface with the County (Max 5 points)	3	4	4	5	5	21	4	5		
3 Burns & McDonnell Engineering Company, Inc. - LP	1A - Qualification of firms including team members associated to the project (Max 50 points)	30	45	40	50	48	43	29	57		
	2A - Knowledge and Past Experience of similar type projects (Max 20 points)	10	17	10	20	18	15	10	20		
	3A - Past Performance of the Firms (Max 20 points)	12	17	10	18	18	15	10	20		
	4A - Amount of Work Awarded and Paid by the County (Max 5 points)	2	3	4	4	3	16	3	2		
	5A - Ability of team members to interface with the County (Max 5 points)	3	4	5	5	5	22	4	3		
	1A - Qualification of firms including team members associated to the project (Max 50 points)	2	2	4	1	1					
	2A - Knowledge and Past Experience of similar type projects (Max 20 points)	2	2	4	1	1					
	3A - Past Performance of the Firms (Max 20 points)	2	2	4	1	1					
	4A - Amount of Work Awarded and Paid by the County (Max 5 points)	2	2	4	1	1					
	5A - Ability of team members to interface with the County (Max 5 points)	2	2	4	1	1					
4 Corigan Associates, Inc. - NOT LOCAL	1A - Qualification of firms including team members associated to the project (Max 50 points)	49	47	40	50	47	47	31	62		
	2A - Knowledge and Past Experience of similar type projects (Max 20 points)	19	18	15	20	18	18	12	24		
	3A - Past Performance of the Firms (Max 20 points)	10	18	10	15	18	14	10	19		
	4A - Amount of Work Awarded and Paid by the County (Max 5 points)	3	4	4	4	5	21	4	3		
	5A - Ability of team members to interface with the County (Max 5 points)	3	4	2	3	3	15	2	4		
	1A - Qualification of firms including team members associated to the project (Max 50 points)	1	1	3	3	2					
	2A - Knowledge and Past Experience of similar type projects (Max 20 points)	1	1	3	3	2					
	3A - Past Performance of the Firms (Max 20 points)	1	1	3	3	2					
	4A - Amount of Work Awarded and Paid by the County (Max 5 points)	1	1	3	3	2					
	5A - Ability of team members to interface with the County (Max 5 points)	1	1	3	3	2					
LP - Local Preference Felix Samuels, ISD Chairperson	1A - Qualification of firms including team members associated to the project (Max 50 points)										
	2A - Knowledge and Past Experience of similar type projects (Max 20 points)										

RECONVENED FIRST - TIER MEETING
· February 10, 2015

February 10, 2015

Miami-Dade Aviation Department

South & Central Checked Baggage Inspection Systems (CBIS) / Checked Baggage Reconciliation System (CBRA) / Baggage Handling System (BHS) Program
ISD PROJECT NO. A14-MDAD-01

ISD PROJECT NO. A74-MDAD-01

TABULATION SHEET

[illegible]

Memorandum



Date: December 17, 2014

To: Lester Sola, Director
Internal Services Department

Thru: Miriam Singer, CPPO, Sr. Assistant Director
Internal Services Department

From: 
Faith Samuels, Sr. A&E Consultant Selection Coordinator
Chairperson, Competitive Selection Committee

Subject: NEGOTIATION AUTHORIZATION
Miami-Dade Aviation Department (MDAD)
South & Central Checked Baggage Inspection Systems (CBIS) /
Checked Baggage Reconciliation Areas (CBRA) /
Baggage Handling System (BHS) Program
ISD Project No. A14-MDAD-01

The Competitive Selection Committee (CSC) has completed the evaluation of the proposals submitted in response to the above referenced ISD Project No. following the guidelines published in the Notice to Professional Consultants (NTPC).

ISD Project No.: A14-MDAD-01

Project Title: South & Central Checked Baggage Inspection Systems (CBIS) / Checked Baggage Reconciliation Areas (CBRA) / Baggage Handling System (BHS) Program

Scope of Services Summary: Architectural/Engineering (A/E) design services will be required to include, but not be limited to, construction administration to facilitate the construction of the CBIS/CBRA four-story, 60,000 square foot facility that will be integrated with the existing Central Terminal structure at Miami International Airport (MIA). The resulting professional services agreement from this solicitation will continue the design as put forth in a thirty percent (30%) design package that was prepared in 2013 for the Transportation Security Administration (TSA) for the Optimization of the South Terminal in-line screening Baggage Handling System (BHS) and a new in-line BHS for the Central Terminal.

A/E services are divided into the following work packages:

1. Work Package 1 - CBIS/CBRA Building
2. Work Package 2 - South CBIS/CBRA/BHS Reconfiguration Project
3. Work Package 3 - Central CBIS/CBRA/BHS Development Project

Experience and Qualifications:

The Prime or sub-consultant(s) must have the following minimum qualifications:

1. Have designed at least five (5) CBIS and CBRA in accordance with the Transportation Security Administration Planning Guidelines and Design Standards (PGDS), version 3.0 and higher in the past five (5) years;
2. Have designed at least one (1) CBIS and CBRA in accordance with the TSA Planning Guidelines and Design Standards (PGDS), version 3.0 and higher in the past five (5) years with a minimum design peak hour throughput rate in excess of 1,800 bags per hour;
3. Have provided Construction Administration services for the above identified CBIS/CBRA projects;
4. Have designed CBIS/BHS integrated with the automated BHS sortation at a major U.S. Airport (Category X, preferably) for multiple carriers that was designed to process approximately minimum 1,800 bags/peak hour
5. The Prime or sub-consultant(s) shall have participated or are currently participating in a Transportation Security Administration (TSA) Recapitalization or preferably Optimization Program on a similar system as described above. At a minimum, the Prime or sub-consultant(s) must have made major modifications to a system as described above utilizing the TSA PGDS method of making modifications.
6. The Prime Firm or sub-consultant(s) must have five (5) years of experience in airport Terminal building architecture and/or related engineering design in an airport Terminal building, preferably collaborating with BHS design professionals.

Term of Contract: One consultant/team of firms will be retained under a non-exclusive Professional Services Agreement (PSA) with a cost estimate of \$15,000,000 (inclusive of contingency and the Inspector General Fee), for an effective term of five (5) years.

Disadvantaged Business Enterprise Goal/Measure: On October 1, 2014, the Minority Affairs Division, MDAD, established a 26.2% Disadvantaged Business Enterprise (DBE) goal for this solicitation.

Request to Advertise (RTA) Stamped by the Clerk of the Board (COB): October 9, 2014

Number of Proposals Received: Four (4)

Name of Proposer(s): Please refer to the attached List of Respondents (LOR).

Non-Compliance: The CSC determined that Bermello, Ajamil & Partners, Inc. (B&A) did not meet the experience and qualifications and eliminated the firm from further evaluation.

First Tier Results: See attached December 8, 2014 First Tier Tabulation Sheet. Based on the CSC's professional expertise, the information provided in the proposals was deemed sufficient

to determine the qualifications of the teams. As a result of said determination and by a unanimous vote, the CSC decided to forego Second-Tier proceedings.

First Tier Meeting Reconvened: Subsequent to the December 8, 2014 First Tier meeting, staff consulted with senior management regarding the CSC's determination of the proposers meeting the experience and qualifications and the results of the First-Tier meeting. Senior management advised staff to reconvene the CSC in order for the committee to conduct a thorough review their decision of eliminating B&A from the evaluation process.

On December 9, 2014, the CSC and the four proposers were notified of the reconvened First Tier meeting scheduled for December 12, 2014. At the December 12, 2014 reconvened First Tier meeting, the CSC was requested to conduct a "four corners" review of the B&A's proposal for the experience and qualifications noted in the NTPC. The CSC was advised that they would not be able to re-score the other three proposers evaluated at the December 8, 2014 First Tier meeting. After the CSC's thorough review and detailed discussion of B&A's proposal, the CSC by majority vote determined that B&A met the experience and qualifications. The CSC proceeded to evaluate B&A's proposal. After inputting of B&A's scores with the scores of the other three proposers from the December 8, 2014 First-Tier meeting, a final ranking was conducted.

First Tier Reconvened Results: See attached December 12, 2014 Reconvened First Tier Tabulation Sheet.

Second Tier Results: Not applicable. Based on the CSC's professional expertise the information provided in the proposals was deemed sufficient to determine the qualifications of the teams. As a result of said determination and by a unanimous vote, the CSC decided to forego Second Tier proceedings.

Request for Appointment of Negotiation Committee: Pursuant to Section 2-10.4 (6) of the Code of Miami-Dade County, ISD hereby requests the County Mayor or his designee approve the following Negotiation Committee, for the purpose of negotiating a non-exclusive PSA for this solicitation with the top ranked firm:

Faith Samuels, ISD, Non-Voting Chairperson
Debra Shore, MDAD
Jose Luis Rodriguez, MDAD
Pedro Hernandez, MDAD*
Joseph Marcelin, WASD

*MDAD requested the addition of Mr. Pedro Hernandez, P.E., Assistant Director, Facilities Development Management, to the negotiation committee. Mr. Hernandez has considerable knowledge and experience and will be an asset to the negotiation committee.

Request for Authorization to Enter Negotiations: Pursuant to Section 2-10.4 (6) of the Code of Miami-Dade County, it is hereby requested that the County Mayor or his designee approve the selection of the following firm for negotiations, in the CSC's recommended order of preference. See below:

TOTAL ORDINAL SCORES / QUALITATIVE SCORES
RANKING OF RESPONDENTS
SELECTION FOR PSA NEGOTIATION
ONE (1) AGREEMENT WITH A
26.2% DBE GOAL

Corgan Associates, Inc. (Non-Local)
Qualitative Points - 430
Ordinal Score - 6
Final Ranking - 1

The following teams will serve as the alternates:

Burns & McDonnell Engineering Company, Inc. (Local)
Qualitative Points - 401
Ordinal Score - 5
Final Ranking - 2

URS Corporation Southern (Local)
Qualitative Points - 373
Ordinal Score - 9
Final Ranking - 3

Local preference was applied pursuant to Sections 2-8.5 and 2-10.4 of the Code of Miami-Dade County. Local preference is applied in instances where local and non-local firms are within five percentage points of each other's total qualitative scores allowing the local firm, falling within that range, to excel in the ranking. The five percent range in the score for the number one ranked firm, Corgan Associates, Inc. (non-local), was 402 - 459. The number two ranked firm, Burns & McDonnell Engineering Company, Inc. (local) total qualitative scores were 401, therefore, falling outside of the range noted above, resulting in Corgan Associates, Inc. maintaining their number one rank.

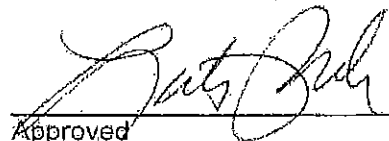
Pursuant to the Code of Silence legislation included in the Conflict of Interest and Code of Ethics Ordinance, and Section 2-11.1 of the County Code, the County Mayor or his designee will report to the Board of County Commissioners any of the following instances:

- When negotiations do not commence, or other affirmative action is not taken, within 30 days of the Competitive Selection Committee's recommendation.
- When the County Mayor or his designee's recommendation to award or reject is not made within 90 days from the date of the Competitive Selection Committee's recommendation.

If approved, the Negotiation Committee is to proceed with the contract negotiations pursuant to Section 6 of the above-mentioned Code, and submit the signed contracts ready to be presented to the BCC for final approval no later than 60 days from the date of this memorandum. Should negotiations fail with the top ranked firm, approval is requested by way of this memorandum to initiate negotiations with the second ranked firm.

If a satisfactory agreement cannot be reached within the 60 day period, a report is required to be prepared fully explaining all problems resulting from the negotiations. If negotiations are proceeding within a reasonable timeframe, then negotiations are to continue and the report is to be submitted upon completion. The final contracts and report should be sent to this office.

Authorization to negotiate is:

 12/19/14
Approved _____ Date _____

Attachments:

1. List of Respondents
 2. First Tier Tabulation Sheet
 3. First Tier Reconvened Tabulation Sheet
- c/ Emilio T. Gonzalez, Director, MDAD
Competitive Selection Committee
Clerk of the Board of County Commissioners



MIAMI DADE COUNTY
INTERNAL SERVICES DEPARTMENT

LIST OF RESPONDENTS

ISD Project Name: South & Central Checked Baggage Inspection Systems (CBIS)/Checked Baggage Reconciliation Areas (CBRA)/Baggage Handling System (BHS) Program

ISD Project No.: A14-MDAD-01

Measures: 26.2% DBE Goal

Number of Agreements: 1

Contract Type: PROJECT SPECIFIC

Submittal Date: 11/07/2014

Submittal No: 1

Prime Local Preference: Yes

Prime Name: URS CORPORATION SOUTHERN

FEIN No.: 592087895

Trade Name: GREINER SOUTHERN, INC.

Subs Name	Trade Name	Subs FEIN No.
a. H.J. ROSS ASSOCIATES, INC.		650163389
b. PEREZ & PEREZ ARCHITECTS PLANNERS, INC.		592400309
c. GURRI MATUTE, P A		651038126
d. JOHNSON, AVEDANO, LOPEZ, RODRIGUEZ & WALEWSKI ENGINEERING GROUP, INC.	JALRW ENGINEERING GROUP, INC	592600954
e. NIFAH AND PARTNERS CONSULTING ENGINEERS, INC.		650604266
f. AVINO & ASSOCIATES, INC.		650053775
g. JORDIM ENGINEERING, LLC		272543048
h. CONTROLOGIX, LLC DBA CLX ENGINEERING	CLX ENGINEERING	800374444
i. TRANSSOLUTIONS, L. L. C.		752780979

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MIAMI DADE COUNTY
INTERNAL SERVICES DEPARTMENT

LIST OF RESPONDENTS

ISD Project No.: A14-MDAD-01

Measures: 26.2% DBE Goal

Number of Agreements: 1

Contract Type: PROJECT SPECIFIC

Submittal Date: 11/07/2014

Submittal No: 2

Prime Name: BERMELO, AJAMIL & PARTNERS, INC.

Trade Name:

Prime Local Preference: Yes

FEIN No.: 591722486

Subs Name	Trade Name	Subs FEIN No.
a. BNP ASSOCIATES, INC.		060871669
b. SOL - ARCH, INC.		203874445
c. H.J. ROSS ASSOCIATES, INC.		650163389
d. NIFAH AND PARTNERS CONSULTING ENGINEERS, INC.		650604266
e. FRAGA ENGINEERS, LLC		204038436
f. AYLWARD ENGINEERING & SURVEYING, INC.	JAMES AYLWARD & ASSOCIATES, INC.	650077815
g. ROSS & BARUZZINI, INC.		430787438
h. C. M. S. - CONSTRUCTION MGMT. SERVICES, INC.		591980267
i. SEQUIL SYSTEMS, INC.		611429151

Submittal No: 3

Prime Name: BURNS & MCDONNELL ENGINEERING COMPANY, INC.

Trade Name:

Prime Local Preference: Yes

FEIN No.: 430956142

Subs Name	Trade Name	Subs FEIN No.
a. BNP ASSOCIATES, INC.		060871669
b. GURRI MATUTE, P A		651038126
c. LOUIS J. AGUIRRE & ASSOCIATES, P.A.		650164013
d. MOBIO ARCHITECTURE, INC.		300793220
e. PREMIERE DESIGN SOLUTIONS, INC.		260571068
f. GARTEK ENGINEERING CORPORATION		592032388
g. DDA ENGINEERS, P.A.		650138165
h. JSM & ASSOCIATES, LLC		261660700



MIAMI DADE COUNTY
INTERNAL SERVICES DEPARTMENT

LIST OF RESPONDENTS

ISD Project No.: A14-MDAD-01

Measures: 26.2% DBE Goal

Number of Agreements: 1

Contract Type: PROJECT SPECIFIC

Submittal Date: 11/07/2014

Submittal No: 4

Prime Name: CORGAN ASSOCIATES, INC

Trade Name:

Prime Local Preference: No

FEIN No.: 751079692

Subs Name	Trade Name	Subs FEIN No.
a. VIC THOMPSON COMPANY		752727229
b. CARTY ARCHITECTURE, LLC		900811358
c. BLISS & NYITRAY INC		591203311
d. CIVIL WORKS, INC.		650673629
e. SDM CONSULTING ENGINEERS, INC.		592346110
f. KEITH AND ASSOCIATES, INC.		650806421
g. CONNICO INCORPORATED		621451266
h. INNOVATION TECHNOLOGY PARTNERS, INC.		264107701
i. TRANSSOLUTIONS, L. L. C.		752780979

FIRST - TIER MEETING

December 8, 2014

Miami-Dade Aviation Department

Checked Baggage Inspection Systems (CBIS) / Checked Baggage Reconciliation System (cbra) / Baggage Handling System (BHS) Program
ISD PROJECT NO. A14-MDAD-01

TABULATION SHEET

NAME OF FIRM(S)	COMPETITIVE SELECTION COMMITTEE					SUB-TOTAL	Average	Low Disparity	High Disparity	TOTAL QUALITATIVE POINTS	QUALITATIVE RANKING	LOCAL PREFERENCE RANGE	TOTAL ORDINAL SCORES	ORDINAL RANKING
	Debra Shore, MDAD	Jose Luis Rodriguez, MDAD	Joseph Marcelin, WASD	Jose Posada, PortMiami	Lissette Martinez, PHCD									
n Southern - LP n of firms including team members associated to the project (Max. 50 points) and Past Experience of similar type projects (Max. 20 points) mance of the Firms (Max. 20 points) Work Awarded and Paid by the County (Max. 5 points) am members to interface with the County (Max 5 points)	20	40	45	45	45	195	39	26	52	373	3		9	3
	7	15	15	15	16	68	14	9	18					
	15	15	15	15	17	77	15	10	20					
	1	1	3	3	2	10	2	1	3					
	4	4	5	5	5	23	5	3	6					
	47	75	83	83	85									
No. 1, 2, 3, 4, 5, & 6 / Criteria(CR) 1A, 2A, 3A, 4A, 5A, Total Qualitative Points for Criteria 1A. nell Engineering Company, Inc. - LP	3	3	1	3	3					401	2		5	2
	3													
n of firms including team members associated to the project (Max. 50 points) and Past Experience of similar type projects (Max. 20 points) mance of the Firms (Max. 20 points) Work Awarded and Paid by the County (Max. 5 points) am members to interface with the County (Max 5 points)	30	45	40	50	48	213	43	29	57	430	1	452	5	1
	10	17	10	20	18	75	15	10	20					
	12	17	10	18	18	75	15	10	20					
	2	3	4	4	3	16	3	2	4					
	3	4	5	5	5	22	4	3	6					
	57	86	69	97	92									
No. 1, 2, 3, 4, 5, & 6 / Criteria(CR) 1A, 2A, 3A, 4A, 5A, Total Qualitative Points for Criteria 1A. tes, Inc. - NOT LOCAL	2	2	3	1	1					430	1	409	5	1
n of firms including team members associated to the project (Max. 50 points) and Past Experience of similar type projects (Max. 20 points) mance of the Firms (Max. 20 points) Work Awarded and Paid by the County (Max. 5 points) am members to interface with the County (Max 5 points)	49	47	40	50	47	233	47	31	62	430	1	409	5	1
	19	18	15	20	18	90	18	12	24					
	10	18	10	15	18	71	14	10	19					
	3	4	4	5	5	21	4	3	5					
	3	4	2	3	3	15	3	2	4					
	84	91	71	93	91									
No. 1, 2, 3, 4, 5, & 6 / Criteria(CR) 1A, 2A, 3A, 4A, 5A, Total Qualitative Points for Criteria 1A. rence	1	1	2	2	2					430	1	409	5	1

RECONVENED FIRST - TIER MEETING
December 12, 2014

Miami-Dade Aviation Department
South & Central Checked Baggage Inspection Systems (CBIS) / Checked Baggage Reconciliation System (cbra) / Baggage Handling System (BHS) Program
ISD PROJECT NO. A14-MDAD-01

TABULATION SHEET

RECONVENED FIRST - TIER MEETING December 12, 2014														
Miami-Dade Aviation Department South & Central Checked Baggage Inspection Systems (CBIS) / Checked Baggage Reconciliation System (cbra) / Baggage Handling System (BHS) Program ISD PROJECT NO. A74-MDAD-01														
TABULATION SHEET														
NAME OF FIRM(S)														
1 URS Corporation Southern - LP														
1A - Qualification of firms including team members associated to the project (Max. 50 points)														
2A - Knowledge and Past Experience of similar type projects (Max. 20 points)														
3A - Past Performance of the Firms (Max. 20 points)														
4A - Amount of Work Awarded and Paid by the County (Max. 5 points)														
5A - Ability of team members to interface with the County (Max. 5 points)														
Ordinal Scores														
Dropped Scores														
Tie-Breaker(TB) No. 1, 2, 3, 4, 5, & 6 / Criteria(CR) 1A, 2A, 3A, 4A, 5A, Total Qualitative Points for Criteria 1A														
2 Bermello, Ajamil & Partners, Inc. - LP														
1A - Qualification of firms including team members associated to the project (Max. 50 points)														
2A - Knowledge and Past Experience of similar type projects (Max. 20 points)														
3A - Past Performance of the Firms (Max. 20 points)														
4A - Amount of Work Awarded and Paid by the County (Max. 5 points)														
5A - Ability of team members to interface with the County (Max. 5 points)														
Ordinal Scores														
Dropped Scores														
Tie-Breaker(TB) No. 1, 2, 3, 4, 5, & 6 / Criteria(CR) 1A, 2A, 3A, 4A, 5A, Total Qualitative Points for Criteria 1A														
3 Burns & McDonnell Engineering Company, Inc. - LP														
1A - Qualification of firms including team members associated to the project (Max. 50 points)														
2A - Knowledge and Past Experience of similar type projects (Max. 20 points)														
3A - Past Performance of the Firms (Max. 20 points)														
4A - Amount of Work Awarded and Paid by the County (Max. 5 points)														
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Tie-Breaker(TB) No. 1, 2, 3, 4, 5, & 6 / Criteria(CR) 1A, 2A, 3A, 4A, 5A, Total Qualitative Points for Criteria 1A														
4 Corgan Associates, Inc. - NOT LOCAL														
1A - Qualification of firms including team members associated to the project (Max. 50 points)														
2A - Knowledge and Past Experience of similar type projects (Max. 20 points)														
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5 Faith Samuelson, ISD Chairperson														
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LP - Local Preference														
Faith Samuelson, ISD Chairperson														



GOVERNMENTAL AFFAIRS AGENDA TRACKING FORM

NAME OF AGENDA ITEM

Award recommendation, Professional Services Agreement between Miami-Dade County and Burns & McDonnell Engineering Company, Inc. for the South & Central CBIS/CBRA/BHS Program, Project No: A14-MDAD-01, in the amount of \$16,102,752.00.

TAC DATE: April 16, 2015

BCC DATE: May 5, 2015

G.A. DEADLINE:

Is item urgent?

Yes



No



If Yes, please explain:

MDAD CONTACT: Marie Clark-Vincent

CO PHONE: 305-876-8068

DATE: March 9, 2015

FAX: 305-876-8068

Marie Clark-Vincent, Contracts Adm. Division Director
Barbara S. Jimenez, Asst. Aviation Director, Administration

APPROVAL

DATE

Marie Clark-Vincent

3/9/15

Barbara S. Jimenez

3/9/15

Pedro Hernandez, Asst. Director, Facilities Development Management

Milton Collins, Associate Director for Minority Affairs

Anne Syrcle Lee, Chief Financial Officer

Governmental Affairs

K.A. Pyatt, Deputy Director

Emilio T. González, Aviation Director

APPROVAL

DATE

Pedro Hernandez

3/9/15

Milton Collins

3/9/15

Anne Syrcle Lee

3.9.15

K.A. Pyatt

Emilio T. González

Remarks: *Governmental Affairs obtains Deputy Director and Director approvals.

30



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BSJ

3/9/15

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Pedro Hernandez, Asst. Director, Facilities Development Management
Milton Collins, Associate Director for Minority Affairs
Anne Syrele Lee, Chief Financial Officer
Governmental Affairs
K.A. Pyatt, Deputy Director
Emilio T. González, Aviation Director

APPROVAL

DATE

Milton Collins
ASL

3/9/15

3.9.15

Remarks: *Governmental Affairs obtains Deputy Director and Director approvals.



Department of Small Business Development
A&E Firm History Report

From: 01/01/2009 To: 03/06/2015

PRIMES

FIRM NAME: BURNS & MCDONNELL ENGINEERING COMPANY, INC.
2701 Ponce De Leon Blvd, 300 Wp
Coral Gables, FL 33134-0000

PROJECT #	CONTRACT	DEPT.	MEASURES	AWARD DATE	AWARD AMOUNT
EDP-AV-2013-C1	1	AV	NO MEASURE	08/07/2013	\$200,000.00
STRUCTURAL ANALYSIS, DESIGN AND UPGRADES					\$200,000.00
EDP-ID-S-FS-07-2014	1	ID	NO MEASURE	12/22/2014	\$200,000.00
DISTRICT COOLING SERVICE BUSINESS PLAN					\$200,000.00
Total Award Amount					\$400,000.00
Total Change Orders Approved by BCC					\$1,811,605.00

32



Department of Small Business Development
A&E Firm History Report
From: 01/01/2009 To: 03/06/2015

33



Department of Small Business Development
A&E Firm History Report

From: 01/01/2009 To: 03/06/2015

FIRM NAME: BURNS & MCDONNELL ENGINEERING COMPANY, INC.
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24

Department of Small Business Development
A&E Firm History Report
From: 01/01/2009 To: 03/06/2015

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* Indicates closed or expired contracts

Disclaimer: Payments shown may not reflect current information

Friday, March 6, 2015

Page 2

DBDR0212_E

Ver: 1



MEMORANDUM

(Revised)

TO: Honorable Chairman Jean Monestime
and Members, Board of County Commissioners

DATE: May 5, 2015

FROM: 
R. A. Cuevas, Jr.
County Attorney

SUBJECT: Agenda Item No. 8(A)(2)

Please note any items checked.

- ☐ "3-Day Rule" for committees applicable if raised
- ☐ 6 weeks required between first reading and public hearing
- ☐ 4 weeks notification to municipal officials required prior to public hearing
- ☐ Decreases revenues or increases expenditures without balancing budget
- ☐ Budget required
- ☐ Statement of fiscal impact required
- ☐ Ordinance creating a new board requires detailed County Mayor's report for public hearing
- ☐ No committee review
- ☐ Applicable legislation requires more than a majority vote (i.e., 2/3's _____, 3/5's _____, unanimous _____) to approve
- ☐ Current information regarding funding source, index code and available balance, and available capacity (if debt is contemplated) required

Approved _____ Mayor
Veto _____
Override _____

Agenda Item No. 8(A)(2)
5-5-15

RESOLUTION NO. _____

RESOLUTION APPROVING AWARD OF THE PROFESSIONAL SERVICES AGREEMENT TO BURNS & MCDONNELL ENGINEERING COMPANY, INC., FOR THE SOUTH AND CENTRAL CHECKED BAGGAGE INSPECTION SYSTEMS/CHECKED BAGGAGE RECONCILIATION AREAS/BAGGAGE HANDLING SYSTEM PROGRAM AT MIAMI INTERNATIONAL AIRPORT, PROJECT NO. A14-MDAD-01 IN AN AMOUNT NOT TO EXCEED \$16,102,752.00 FOR A TERM OF FIVE YEARS; AND AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO EXECUTE THE AGREEMENT AND TO EXERCISE THE TERMINATION PROVISIONS CONTAINED THEREIN

WHEREAS, this Board desires to accomplish the purposes set forth in the accompanying memorandum, a copy of which is incorporated herein by reference,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that this Board hereby approves the award of the Professional Services Agreement to Burns & McDonnell Engineering Company, Inc., for South and Central Checked Baggage Inspection Systems/Checked Baggage Reconciliation Areas/Baggage Handling System Program at Miami International Airport, Project No. A14-MDAD-01, in an amount not to exceed \$16,102,752.00 for a term of five years, in substantially the form attached hereto and made a part hereof, and authorizes the County Mayor or County Mayor's designee to execute the agreement and to exercise the termination provisions contained therein.

The foregoing resolution was offered by Commissioner
who moved its adoption. The motion was seconded by Commissioner
and upon being put to a vote, the vote was as follows:

Jean Monestime, Chairman	
Esteban L. Bovo, Jr., Vice Chairman	
Bruno A. Barreiro	Daniella Levine Cava
Jose "Pepe" Diaz	Audrey M. Edmonson
Sally A. Heyman	Barbara J. Jordan
Dennis C. Moss	Rebeca Sosa
Sen. Javier D. Souto	Xavier L. Suarez
Juan C. Zapata	

The Chairperson thereupon declared the resolution duly passed and adopted this 5th day of May, 2015. This resolution shall become effective upon the earlier of (1) 10 days after the date of its adoption unless vetoed by the County Mayor, and if vetoed, shall become effective only upon an override by this Board, or (2) approval by the County Mayor of this Resolution and the filing of this approval with the Clerk of the Board.

MIAMI-DADE COUNTY, FLORIDA
BY ITS BOARD OF
COUNTY COMMISSIONERS

HARVEY RUVIN, CLERK

By: _____
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency.



David M. Murray

SOUTH AND CENTRAL CBIS/CBRA/BHS PROGRAM
PROJECT NO: A14-MDAD-01
PROFESSIONAL SERVICES AGREEMENT

This AGREEMENT made as of the ____ day of ____ in the year 2015, between

the Owner:

Miami-Dade County Florida, a political subdivision of the State of Florida, acting by and through its **Board of County Commissioners**, hereinafter called the "County", which shall include its officials, successors, legal representatives, and assigns.

and the

Architect/Engineer:

Burns & McDonnell Engineering Company, Inc.
2701 Ponce De Leon Boulevard
Third (3rd) Floor
Coral Gables, Florida 33134-6020

which term shall include its officials, successors, legal representatives and assigns.

For the Project:

South & Central CBIS/CBRA/BHS Program

The Miami-Dade Aviation Department (MDAD) is seeking the required Architectural/Engineering (A/E) design services including but not limited to construction administration to facilitate the construction of the CBIS/CBRA four-story, 60,000 square foot facility that will be integrated with the existing Central Terminal structure at Miami International Airport (MIA). The resulting professional services agreement from this solicitation will be based on the design criteria package as put forth in a thirty percent (30%) design package that was prepared in 2013 for the Transportation Security Administration (TSA) for the Optimization of the South Terminal in-line screening Baggage Handling System (BHS) and a new in-line BHS for the Central Terminal.

The Owner and Architect/Engineer agree as set forth herein:

PROFESSIONAL SERVICES AGREEMENT

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WITNESSETH

ARTICLE 1

DEFINITIONS

- 1.1 **ADDITIONAL SERVICES:** Those services, in addition to the Basic Services in this Agreement, which the Architect/Engineer shall perform at Owner's option and when authorized by Service Order(s) in accordance with the terms of this Agreement.
- 1.2 **AFFIRMATIVE ACTION:** Action to be taken by the Architect/Engineer pursuant to a written, results-oriented program, meeting the requirements of 41 CFR Part 60, in which the Architect/Engineer details the steps to be taken to ensure equal employment opportunity, including, where appropriate, remedying discrimination against an affected class, or other actions, as necessary.
- 1.3 **AGREEMENT:** This written Agreement between the Owner and the Architect/Engineer, including the Appendices attached hereto and all Amendments and Service Orders issued by the Owner hereunder.
- 1.4 **ALLOWANCE ACCOUNT(S):** Account(s) in which stated dollar amount(s) may be included in this Agreement for the purpose of funding portions of the Services or the Work. Allowance Accounts are included in this Agreement to pay for Additional Services, Work Site Services, Dedicated Services, Reimbursable Expenses, or Inspector General Services. Services to be paid from these Allowance Accounts shall be authorized by Service Order prior to the commencement of the work under the Service Order.
- 1.5 **AMENDMENT:** A written modification to this Agreement executed by the Architect/Engineer and the Owner covering changes, additions, or reductions in the terms of this Agreement.
- 1.6 **ARCHITECT/ENGINEER (A/E):** The named entity on page 1 of this Agreement.
- 1.7 **ART IN PUBLIC PLACES:** A department of Miami-Dade County that is responsible for initiating and overseeing the incorporation of art into new County facilities.
- 1.8 **BASIC SERVICES:** Those services that the Architect/Engineer shall perform in accordance with the terms of the Agreement as directed and authorized by a Service Order(s). Any Services not specifically addressed as Additional Services, Work Site Services, or Dedicated Services are considered Basic Services.
- 1.9 **BASIC SERVICES FEE:** The basis for compensation of the Architect/Engineer for the Basic Services performed under this Agreement.
- 1.10 **CHANGE ORDER:** A written agreement executed by the Owner, the Contractor and the Contractor's Surety, covering modifications to the Contract.

- 1.11 CONSTRUCTABILITY: The optimum use of construction knowledge and experience in planning, design, procurement, and field operations to achieve overall Project objectives.
- 1.12 CONSTRUCTION COST: Actual cost of the Work established in the Contract Documents and as they may be amended from time to time.
- 1.13 CONTRACT DOCUMENTS: The legal agreement between the Owner and the Contractor for performance of Work. The documents prepared by the Architect/Engineer in accordance with the requirements of a Service Order(s) issued hereunder that form the basis for which the Owner can receive bids for the Work included in the documents. The Contract Documents shall include, but not necessarily be limited to, the Advertisement for Bids, Instructions to Bidders, Bid Form, Bid Bond, Contract Summary, Surety Performance and Payment Bonds, General Conditions, Special Provisions, Division 1, Technical Specifications, and Plans together with all Addenda, and subsequent Change Orders, and Work Orders.
- 1.14 CONTRACTOR: The firm, company, corporation or joint venture contracting with the Owner for performance of Work covered in the Contract Documents.
- 1.15 DAYS: Reference made to Days shall mean consecutive calendar days.
- 1.16 DEDICATED SERVICES: Services performed pursuant to a Dedicated Allowance Account(s) that are beyond the requirements for Basic Services and Additional Services under this Agreement and shall be performed as required upon receipt of a Service Order. Such Services, if any, are specified in the Special Provisions.
- 1.17 DEFECT(S): Refers to any part of the Work that does not follow the Contract Documents, does not meet the requirements of a reference standard, test or inspection specified in the Contract Documents, does not properly function, is broken, damaged or of inferior quality, or is incomplete. The adjective "defective" when it modifies the words "Work" or "work" shall have the same connotation as Defect.
- 1.18 DELIVERABLES REQUIREMENTS MANUAL: A manual provided by the Owner that prescribes the deliverables and their content to be provided by design professionals. This manual is made a part of this Agreement by reference.
- 1.19 DESIGN DELIVERABLES: Deliverables to be presented and Services to be performed by the Architect/Engineer at various Phases of design. The design deliverables are to comply with the requirements of the Deliverables Requirements Manual and/or Service Order.
- 1.20 DESIGN DEVELOPMENT: That portion of the Services comprising Phase 2 of the Basic Services which the Architect/Engineer shall perform in accordance with the terms of this Agreement when directed and authorized by Service Order.

- 1.21 DESIGN GUIDELINES MANUAL: A manual provided by the Owner which comprises design standards and guidelines for use by the Architect/Engineer and other Design Professionals as provided by Service Order. It is made a part of this Agreement by reference.
- 1.22 DESIGN SCHEDULE AND COST MANAGEMENT PLAN (DSCMP): A progress schedule and earned value measurement plan for the Design Deliverables that will be developed by the Architect/Engineer in accordance with the Project and Phase schedule provided by the Owner. The DSCMP shall meet all Project and Phase milestones in the Owner provided schedule and shall be approved by the Project Manager. The Design Schedule and Cost Management Plan (DSCMP) earned value procedures are based upon the agreed weighted percentage values of the deliverables for each Basic Services Phase.
- 1.23 DIRECT SALARIES: Monies paid at regular intervals to personnel other than principals of the Architect/Engineer directly engaged by the Architect/Engineer on the Project, as reported to the Director of United States Internal Revenue Service and billed to the Owner hereunder on a Multiple of Direct Salaries basis pursuant to a Service Order for Additional Services under this Agreement. Personnel directly engaged on the Project by the Architect/Engineer may include architects, engineers, designers, and specifications writers engaged or assisting in research, design, production of drawings, specifications and related documents, Work Related Services and other services pertinent to the Project Elements.
- 1.24 DIRECTOR: The Director of the Miami-Dade Aviation Department or authorized representative(s) designated in writing with respect to a specific matter(s) concerning the Services.
- 1.25 DISADVANTAGED BUSINESS ENTERPRISE (DBE): See Appendix 4.
- 1.26 EQUAL EMPLOYMENT OPPORTUNITY: Opportunity provided by the Architect/Engineer pursuant to Executive Order 11246, as amended, and required to be part of all contracts covered by said Executive Order.
- 1.27 FIELD REPRESENTATIVE: An authorized representative of the Owner providing administrative and construction inspection services during the pre-construction, construction, and closeout Phases of the Contract.
- 1.28 FIXED LUMP SUM: A basis for compensation of the Architect/Engineer for Services performed.
- 1.29 GREEN BUILDING CERTIFICATION INSTITUTE (GBCI): the designated organization responsible for administering the LEED certification program.
- 1.30 INTEGRATED SITE ACCEPTANCE TESTING (ISAT): As defined in the Transportation Security Administration (TSA) Planning Guidelines and Design Standards (PGDS) for Checked Baggage Inspection Systems.

- 1.31 LEED (Leadership in Energy and Environmental Design): The United States Green Building Council (USGBC) created LEED as a rating system for green building practices. For purposes of this document whenever LEED is mentioned it shall relate only to the building piece of this project and not the Baggage Handling System.
- 1.32 LEED AP: A person(s) that is an employee of the A/E or is a Sub-consultant to the A/E that is certified by the GBCI or successor entity in the specialty specified in the Request for Qualifications/Proposals for this Project. The LEED AP shall (1) assist the Owner in the Project LEED registration, application and certification process; (2) coordinate and otherwise guide the A/E in the design of the Project in order to achieve the points needed for the desired LEED certification; and (3) monitor the Contractor for the documentation required to meet the Contractor's obligations to achieve the LEED credit points stipulated in the Contract Documents.
- 1.33 LEED CERTIFICATION DOCUMENTS: Reports, documents or other data required to apply for and obtain the desired LEED certification.
- 1.34 LEED CERTIFICATION PLAN: Plan developed by the LEED AP to develop and monitor the documentation required during design and construction for the LEED certification application process.
- 1.35 LEED STATUS REPORT: A periodic report produced by the LEED AP to inform the Owner and other stakeholders in the Project on the status of the design and construction relative to earning LEED credit points for the Project.
- 1.36 LIFE CYCLE COSTING: The process whereby all expenses associated with the operations, maintenance, repair, replacement and alteration costs of a facility or piece of equipment are identified and analyzed.
- 1.37 MIAMI-DADE AVIATION DEPARTMENT (MDAD or Department): A department of Miami- Dade County Government, sometimes referred to as Owner, represented by and acting through the Director or his Designee(s).
- 1.38 MULTIPLE OF DIRECT SALARIES: A basis for compensation of the Architect/Engineer for Services performed.
- 1.39 OWNER: Miami-Dade County acting through the Department. The term Owner as used in this Agreement shall exclude the regulatory departments of Planning, Development and Regulation (Building and Zoning); Department of Environmental Resources Management (DERM); Public Works; the Fire Department and Water & Sewer; or their successors.
- 1.40 PERIOD OF WORK RELATED SERVICES: Services beginning on the date established in the Notice to Proceed for commencement of the Work through the time allowed for substantial completion of the Work contained in the Contract Documents.

1.41 PHASE: The portion of the Basic Services that shall be accomplished by the Architect/Engineer for each of the Project's elements or a portion or combination thereof as described in the article "Basic Services" herein:

- Phase 1A - Program Verification
- Phase 1B - Schematic Design
- Phase 2 - Design Development
- Phase 3A - 30% Contract Documents
- Phase 3B - 75% Contract Documents
- Phase 3C - 100% Contract Documents
- Phase 3D - Bid Documents
- Phase 4 - Bidding & Award of Contract
- Phase 5 - Work Related Services

1.42 PLANS: The drawings prepared by the Architect/Engineer which show the locations, characters, dimensions and details of the Work to be done and which are parts of the Contract Documents.

1.43 PROBABLE CONSTRUCTION COST: The latest approved written estimate of Construction Cost to the midpoint of construction broken down by the current Division format developed by the Construction Specification Institute (CSI) or unit price bid items, including construction allowance contingencies, submitted to the Owner, in a format provided by the Owner, in fulfillment of the requirement(s) of this Agreement.

1.44 PROFESSIONAL CONSTRUCTION ESTIMATOR: An individual construction estimator affiliated with a professional firm, company, joint venture, or corporation to provide and analyze cost estimates of the Project and individual Project Elements or parts thereof in order to determine the Probable Construction Cost at each Phase of the Basic Services requiring the submittal of a Probable Construction Cost

1.45 PROGRAM: The initial description of a Project that comprises line drawings, narrative, cost estimates, Project Budget, etc., provided by the Owner in the form of a Project Definition Book and furnished to the Architect/Engineer.

1.46 PROJECT: Project Elements and components of the Project Elements and Services set forth in this Agreement.

1.47 PROJECT BUDGET: Estimated cost for the Project, prepared by the Owner as part of the Program, including the estimated Construction Cost. The Project Budget may, from time to time, be revised or adjusted by the Owner, at its sole discretion, to accommodate approved modifications or changes to the Project or the scope of work.

- 1.48 PROJECT ELEMENT: A part of the Project for which Services are to be provided by the Architect/Engineer pursuant to this Agreement or by other consultants employed by the Owner.
- 1.49 PROJECT MANAGER (PM): Individual designated by the Director to represent the Owner during the design and construction of the Project.
- 1.50 PROLONGED PERIOD OF WORK RELATED SERVICES: The period from the original completion date of the Contract as awarded to the date of official acceptance by the Owner of the Report of Contract Completion furnished by the Architect/Engineer.
- 1.51 PUNCH LIST: A running list of defects in the Work as determined by the Architect/Engineer performing Work Related Services, with input from the Field Representative and the Project Manager. The initial edition of the Punch List is modified in succeeding editions to reflect corrected and completed work as well as newly observed defects, until the time of Final Acceptance.
- 1.52 RECORD DRAWINGS (AS-BUILT DRAWINGS): Reproducible drawings showing the final completed Work as built, including any change to the Work performed by the Contractor pursuant to the Contract Documents which the Architect/Engineer considers significant based on marked-up as-built prints, drawings, and other data furnished by the Contractor.
- 1.53 REIMBURSABLE EXPENSES: Those expenses delineated in Article 6 "Reimbursable Expenses" of this Agreement which are separately approved by the Owner that are incurred by the Architect/Engineer in the fulfillment of this Agreement and which are to be compensated to the Architect/Engineer in addition to the Basic Services Fee.
- 1.54 REVIEW SET: A partial or complete set of Contract Documents, provided by the Architect/Engineer in accordance with the Deliverables Requirements Manual and/or Service Order, at the specified percentage of completion of a Phase of the Basic Services as provided for in this Agreement, on which the Owner may provide written review comments and acceptance of Services. Any review will be general in nature and shall not constitute a detailed checking of the Architect/Engineer's work nor relieve the Architect/Engineer of the responsibility for the completeness and accuracy of its Services.
- 1.55 SCHEMATIC DESIGN: That portion of the Services comprising Phase 1B of the Basic Services which the Architect/Engineer shall perform in accordance with the terms of this Agreement.
- 1.56 SERVICE ORDER: A written order (consecutively numbered for reference and control purposes) initiated by the Project Manager in accordance with this Agreement, and countersigned by the Director and by the Architect/Engineer, directing the Architect/Engineer to perform or modify the performance of any portion of the Services.
- 1.57 SERVICES: All services, work and actions by the Architect/Engineer performed pursuant to or undertaken under this Agreement.

- 1.58 SUB-CONSULTANT: An independent firm, company, joint venture, corporation or individual under contract with and compensated by the Architect/Engineer to perform a portion of the Services required hereunder.
- 1.59 SUBSTANTIAL COMPLETION: The stage in the progress of the Work when the Work or designated portion thereof is sufficiently complete in accordance with the Contract Documents so the Owner can occupy or utilize the Project for its intended use and shall occur when the Architect/Engineer issues a certificate of Substantial Completion. At this stage, all Punch List work should be able to be completed by the Contractor in less than sixty (60) calendar days. The Certificate of Substantial Completion shall not be issued prior to the Contractor obtaining a Final Certificate of Occupancy or a Temporary Certificate of Occupancy from the Building Department, and a Final Certificate of Use or a Temporary Certificate of Use from the Zoning Department.
- 1.60 USER: Entities such as, but not limited to, concessionaires, service managers, airlines, public utilities, and governmental agencies, excluding agencies of the Owner, that have entered into agreements with the Owner for use of portions of the Miami International Airport and/or the general aviation airports under the control of the Department.
- 1.61 USER REVIEW: A review of all design projects by a group which represents the operational aspects of the Airport including MDAD operations and maintenance staff, concessionaires, tenants, service managers, airlines, public utilities, governmental agencies, and other Airport users, to ensure that program and operational needs are being met.
- 1.62 VALUE ANALYSIS (VA): The systematic application of recognized techniques for optimizing both cost and performance in a new or existing facility or to eliminating items that add cost without contributing to required functions.
- 1.62 WORK: All labor, materials, tools, equipment, services, methods, procedures, etc., necessary or convenient to performance by the Contractor of all duties and obligations imposed by the Contract Documents, and representing the basis upon which the total consideration is paid or payable to the Contractor for the performance of such duties and obligations.
- 1.63 WORK ORDER: A written order, authorized by the Owner, directing the Contractor to perform work under a specific Allowance Account(s) or which directs the Contractor to perform a change in the work that does not have a monetary impact.
- 1.64 WORK-RELATED SERVICES: Those portions of the Services comprising Phase 5 of the Basic Services that the Architect/Engineer shall perform in accordance with the terms of this Agreement when directed and authorized by a Service Order
- 1.65 WORK SEQUENCING SCHEDULE AND STAGING PLAN: Plans prepared by the Architect/Engineer showing the stage-by-stage sequence of construction, the impact on adjacent or related facilities and on Airport operations, as well as other features, as necessary, related to the overall schedule of construction.

- 1.66 WORK-SITE SERVICES: Those optional portions of the Services, beyond the requirements of Work-Related Services, involving the providing of on-site resident services, that the A/E shall perform as the Field Representative in accordance with the terms of this Agreement if directed and authorized by Service Order(s).

ARTICLE 2

INFORMATION TO BE FURNISHED BY THE OWNER

- 2.1 INFORMATION TO BE FURNISHED BY THE OWNER: The Owner will furnish the Architect/Engineer the information listed in the Special Provisions not later than fourteen (14) days from the issuance of the Service Order for Phase 1A.
- 2.2 OBLIGATION OF THE ARCHITECT/ENGINEER: The Architect/Engineer understands that it is obligated to verify to the extent it deems necessary all information furnished by the Owner and that it is solely responsible for the accuracy and applicability of all such information used by said Architect/Engineer. Such verification shall include visual examination of existing conditions in all locations encompassed by the Project where such examination can be made without using destructive measures, e.g., excavation or demolition. Survey information shall be spot checked to the extent the Architect/Engineer has satisfied itself as to the reliability of the information.

ARTICLE 3

GENERAL PROVISIONS

3.1 INDEMNIFICATION AND HOLD HARMLESS

3.1.1 Pursuant to Florida Statutes 725.08 and notwithstanding the provisions of Florida Statutes 725.06, the Architect/Engineer shall indemnify and hold harmless the Owner, and its officers and employees, from liabilities, damages, losses, and costs, including, but not limited to, reasonable attorneys' fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct of the Architect/Engineer and other persons employed or utilized by the Architect/Engineer in the performance of this Agreement.

3.1.2 To the extent this indemnification clause or any other indemnification clause in this Agreement does not comply with Chapter 725, Florida Statutes, as may be amended, this provision and all aspects of the Contract Documents shall hereby be interpreted as the parties' intention for the indemnification clauses and Contract Documents to comply with Chapter 725, Florida Statutes, as may be amended.

3.1.3 This Section shall survive expiration or termination of this Agreement.

3.2 INSURANCE: The Architect/Engineer shall not be issued any Service Order under this Agreement until the insurance required hereunder has been obtained and the Owner has approved such insurance. The Architect/Engineer shall maintain required insurance coverage for the full term of this Agreement or for such longer period(s) as may be specifically required herein.

The Architect/Engineer shall furnish certificates of insurance to the Owner prior to commencing any operations under this Agreement. Certificates shall clearly indicate that the Architect/Engineer has obtained insurance, in the type, amount, and classifications, as required for strict compliance with this Article. The certificates must provide that in the event of material change in or cancellation of the policies reflecting the required coverages thirty (30) days advance notice shall be given to the Miami-Dade Aviation Department Risk Management Unit.

3.2.1 The Architect/Engineer shall provide (at its own cost):

- a. Workers' Compensation, as required by Chapter 440, Florida Statutes.
- b. Automobile Liability Insurance, covering all owned, non-owned, and hired vehicles used in connection with the work in an amount not less than \$1,000,000 combined single limit for bodily injury and property damage liability.

Under no Circumstances are vehicles permitted on the A.O.A. without increasing automobile coverage to \$5,000,000. Only company owned or company leased vehicles leased from a leasing company will be permitted on the airfield. No such vehicles shall be permitted airfield access following final acceptance of the Work.

- c. Commercial General Liability Insurance on a comprehensive basis, including contractual liability, products, and completed operations, in an amount not less than \$300,000 combined single limit, per occurrence for bodily injury and property damage. Miami-Dade County must be an Additional Insured with respect to this coverage.
- d. Professional Liability Insurance (Errors and Omissions), in an amount not less than \$1,000,000 per claim with the deductible per claim, if any, not to exceed 10% of the limit of coverage. This insurance shall be maintained for one year after the completion and acceptance by the Owner of the Services performed pursuant to this Agreement.

3.2.2 All insurance policies required herein shall be issued by companies authorized to do business under the laws of the State of Florida, with the following qualifications:

The company must be rated no less than "A-" as to financial strength, and no less than "Class VII" as to financial size according to the latest edition of Key Rating Guide, published by A.M. Best Company, Oldwick, New Jersey, or its equivalent, subject to the written approval of the Owner.

3.2.3 The Architect/Engineer and/or the Sub-Consultants shall cooperate to the fullest extent with Miami-Dade County in all matters relating to the insurance provided and shall comply with all requirements of any insurance policy procured by the County. They shall also at their own expense furnish the County or its duly authorized representative with copies of all correspondence, papers, records, and other items necessary or convenient for dealing with or defending against claims and for administering the aforementioned insurance including furnishing the time of any of their employees, officers, or agents whose presence or testimony is necessary or convenient in any negotiations or proceedings involving such insurance.

3.2.4 If, at any time during the term of this Agreement, the actual provisions of the insurance described herein, or any part thereof, cannot be obtained or is non-renewable or is otherwise not available, then Miami-Dade County shall attempt to meet, as closely as possible, the objective and purpose of the original insurance program as outlined herein. Furthermore, Miami-Dade County and the Architect/Engineer shall agree as to their respective responsibilities and actions in this regard.

- 3.2.5 Immediate notification must be given to Miami-Dade County Risk Management Division and Miami-Dade County Aviation Department and/or its agent in case of accident or occurrence which might give rise to a claim under any policy provided by the County, or any policy on which the County is a joint insured.
- 3.2.6 Compliance with the foregoing requirements as to the carrying of insurance shall not relieve the Architect/Engineer from liability under any portion of this Contract.
- 3.2.7 Cancellation of any insurance or non-payment by the Architect/Engineer of any premium for any insurance policy or bonds required by this Contract shall constitute a breach of this Contract. In addition to any other legal remedies, Miami-Dade County at its sole option may terminate this Contract or pay such premiums, and deduct the costs thereof from any amounts which are or may be due to the Architect/Engineer.
- 3.3 ASSIGNMENT: The Architect/Engineer shall not assign, transfer or convey this Agreement to any other person, firm, association, or corporation, in whole or in part. However, the Architect/Engineer will be permitted to cause portions of the services to be performed by sub-consultants, as authorized elsewhere herein.
- 3.4 PROVISION OF ITEMS NECESSARY TO COMPLETE SERVICES: In the performance of the Services prescribed herein, it shall be the responsibility of the Architect/Engineer to provide all salaries, wages, materials, equipment, sub-consultants and other purchased services, etc., necessary to complete said Services.
- 3.5 SUB-CONSULTANTS: All services provided by the Sub-consultants shall be consistent with those commitments made by the Architect/Engineer during the selection process and interview. Such services shall be pursuant to appropriate agreements between the Architect/Engineer and the Sub-consultants, which shall contain provisions that preserve and protect the rights of the Owner under this Agreement. Nothing contained in this Agreement shall create any contractual relationship between the Owner and the Sub-consultants.

The Architect/Engineer shall not change any Sub-consultant without prior approval by the Director in response to a written request from the Architect/Engineer stating the reasons for any proposed substitution. Any approval of a Sub-consultant by the Owner shall not in any way shift the responsibility for the quality and acceptability by the Owner of the services performed by the Sub-consultant from the Architect/Engineer to the Owner. The Architect/Engineer shall cause the names of Sub-consultants responsible for significant portions of the Services to be inserted on the Plans and Specifications, subject to the approval of the Owner.

The Architect/Engineer may employ Sub-consultants to assist the Architect/Engineer in performing specialized Services. Payment of such Sub-consultants employed at the option of the Architect/Engineer shall be the responsibility of the Architect/Engineer and shall not be cause for any increase in compensation to the Architect/Engineer for the performance of the Basic Services. The quality of services and acceptability to the Owner of the services performed by such Sub-consultants shall be the sole responsibility of the Architect/Engineer.

- 3.6 TERM OF AGREEMENT: This term of this Agreement shall be for five (5) years and shall begin upon execution by the parties and shall be in effect until all Services are completed or until those Services Orders in force at the end of the stated period of time have been completed and the Services accepted, whichever may be later.

Nothing in this Article shall prevent the Owner from exercising its rights to terminate the Agreement as provided elsewhere herein.

- 3.7 TERMINATION OF AGREEMENT: This Agreement may be terminated upon prior written notice by either party as described herein. The Owner may terminate this Agreement or any Service Order for cause or for convenience. The Architect/Engineer may terminate this Agreement for cause in the event that the Owner willfully violates any provisions of the Agreement. The Architect/Engineer shall have no right to terminate this Agreement for convenience of the Architect/Engineer, without cause.

- 3.7.1 Owner's Termination for Cause: The Owner may terminate this Agreement or any Service Order upon seven (7) days written notice for cause in the event that the Architect/Engineer violates any provisions of this Agreement, or performs same in bad faith, or unreasonably delays the performance of the Services. Such written notice to the Architect/Engineer shall spell out the cause and provide reasonable time in the notification to remedy the cause.

The Owner may terminate this Agreement if the Architect/Engineer is found to have submitted a false certification or to have been, or is subsequently during the term of this Agreement, placed on the Scrutinized Companies for Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List.

Notwithstanding any other penalties for firms that have discriminated in violation of Article VII of Chapter 11A of the Code, the Owner may terminate the Agreement or require the termination or cancellation of a subconsultant contract. In addition, a violation by the Architect/Engineer or a subconsultant to it, or failure to comply with the Administrative Order (A.O.) 3-39 may result in the imposition of one or more of the sanctions listed in the A.O. (See www.miamidade.gov/ao/home.asp).

In the event the Owner terminates this Agreement for cause, the Owner will take over any and all documents resulting from Services rendered up to the termination and may complete them, by contracting with other architect(s), engineer(s) or otherwise, and in such event, the Architect/Engineer shall be liable to the Owner for any additional cost incurred by the Owner due to such termination. "Additional Cost" is defined as the difference between the actual cost of completion of such incomplete Services and the cost of completion of such Services which would have resulted from payments to the Architect/Engineer hereunder had the Agreement not been terminated. Upon receipt of written Notice of Termination, the Architect/Engineer shall, when directed by the Owner, promptly assemble and submit as provided herein or as required in any Service Order issued hereunder, all documents including drawings, calculations, specifications, reports, correspondence, and all other relevant materials affected by such termination. No payments shall be made: 1) for Services not satisfactorily performed; and 2) for the cost of assembly and submittal of documents for services performed satisfactorily or unsatisfactorily.

- 3.7.2 Owner's Termination for Convenience: The Owner, in addition to the rights and options to terminate for cause, or any other provisions set forth in this Agreement, retains the right to terminate this Agreement or any Service Order upon thirty (30) days written notice at its sole option at any time for convenience, without cause, when in its sole discretion it deems such termination is in the best interest of the Owner.
- 3.7.3 Architect/Engineer's Termination for Cause: The Architect/Engineer may terminate this Agreement upon thirty (30) days written notice for cause in the event that the Owner violates any provisions of this Agreement. Such written notice to the Owner shall spell out the cause and provide reasonable time in the notification to remedy the cause. In the event the Architect/Engineer exercises its right to terminate this Agreement for cause, payment for Services satisfactorily performed prior to the date of termination shall be made in accordance with the article "Compensation for Services".
- 3.7.4 Implementation of Termination: In the event of termination, either for cause or for convenience, the Architect/Engineer, upon receipt of the Notice of Termination, shall:
1. Stop the performance of Services under this Agreement on the date and to the extent specified in the Notice of Termination;
 2. Place no further orders or subcontracts except as may be necessary for completion of any portion(s) of the Services not terminated, and as authorized by Service Order(s);

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3. Terminate all orders and subcontracts to the extent that they relate to the performance of the Services terminated by the Notice of Termination;
4. Transfer title to the Owner (to the extent that title had not already been transferred) and deliver in the manner, at the times, and to the extent directed by the Owner, all property purchased under this Agreement and reimbursed as a direct item of cost and not required for completion of the Services not terminated;
5. Promptly assemble and submit as provided herein all documents for the Services performed, including plans, calculations, specifications, reports, and correspondence, and all other relevant materials affected by the termination; and;
6. Complete performance of any Services not terminated by the Notice of Termination.

3.7.5 Compensation for Terminated Work: Compensation for terminated work will be made based on the applicable provisions of the Article 8 "Compensation for Services".

3.8 SANCTIONS FOR CONTRACTUAL VIOLATIONS:

The County may terminate this contract or require the termination or cancellation of any sub-consultant contract, if the Consultant or any sub-consultant(s) violates Article VII of Chapter 11A of the Code. In addition, a violation by the Consultant, or sub consultant to the Consultant, or failure to comply with the Administrative Order (A.O.) 3-39 may result in the imposition of one or more of the sanctions listed in the A.O.

3.9 INTENT OF AGREEMENT:

3.9.1 The intent of the Agreement is for the Architect/Engineer to provide design services, and to include all necessary items for the proper completion of such services, for a fully functional facility which, when constructed in accordance with the design, will be able to be used by the Owner for its intended purpose and satisfy the requirements and intent of the PGDS version 4.2. The Architect/Engineer shall perform, as Basic Services, such incidental work, which may not be specifically referenced, as necessary to complete the Project.

3.9.2 This Agreement is for the benefit of the parties only and it does not grant rights to a third party beneficiary, to any person, nor does it authorize anyone not a party to the Agreement to maintain a suit for personal injuries, professional liability or property damage pursuant to the terms or provisions of the Agreement. As such, the TSA is not considered a third party but should be considered part of the Owner's team which is called the Integrated Local Design Team. All direction shall come from only the MDAD Project Manager.

- 3.9.3 No acceptance, order, payment, or certificate of or by the Owner, or its employees or agents shall either stop the Owner from asserting any rights or operate as a waiver of any provisions hereof or of any power or right herein reserved to the Owner or of any rights to damages herein provided.
- 3.9.4 It is the Owner's intent to hire a Construction Manager at Risk (CMAR) to provide constructability reviews of the Architect/Engineer's designs and other pre-construction services. The Architect/Engineer will review the comments provided by the CMAR as to the design and provide such changes as will provide cost, schedule, operating, or managing efficiencies to the Owner, in the professional judgment of the Architect/Engineer, and will provide timely feedback with respect to such comments to the Owner. The Architect/Engineer shall attend meetings with and work collaboratively with the CMAR during the pre-construction and construction phases to maximize the likelihood that the project will be delivered on time and under budget.
- 3.10 SOLICITATION: The Architect/Engineer warrants that: 1) it has not employed or retained any company or person, other than a bona fide employee working solely for the Architect/Engineer, to solicit or secure this Agreement; and 2) that it has not paid, nor agreed to pay any person, company, corporation, joint venture, individual, or firm, other than a bona fide employee working solely for the Architect/Engineer any fee, commission, percentage, gift, or other consideration contingent upon or resulting from the award or making of this Agreement. For breach or violation of this warranty, the Owner has the right to annul this Agreement without liability to the Architect/Engineer for any reason whatsoever.
- 3.11 ACCOUNTING RECORDS OF ARCHITECT/ENGINEER: The Owner reserves the right to audit the accounts and records of the Architect/Engineer including, but not limited to, payroll records and Federal Tax return, supporting all payments for Services hereunder on the basis of Multiple of Direct Salaries and Reimbursement of Actual Expenses incurred. Such audit may take place at any mutually convenient time during the performance of this Agreement and for three (3) years after final payment under this Agreement. The Architect/Engineer shall maintain, as part of its regular accounting system, records of a nature and in a sufficient degree or detail to enable such audit to determine the personnel hours and personnel costs and other expenses associated with each Project and/or task authorized for performance by Service Order(s). In accordance with Florida Statutes 287.055, the Architect/Engineer hereby certifies and warrants that wage rates and other factual unit costs as submitted supporting the compensation provided here are accurate, complete, and current as of the date of the submittal. It is further agreed that said compensation provided for in this agreement shall be adjusted to exclude any significant costs where the Owner determines that the payment for Services was increased due to inaccurate, incomplete, or non-current wage rates or other factual unit costs. All such adjustments in compensation paid or payable to Architect/Engineer under this Agreement shall be made within three (3) years from the date of final billing or acceptance of the Services by the Owner, whichever is later.

- 3.12 INSPECTOR GENERAL (IG), INDEPENDENT PRIVATE SECTOR INSPECTOR GENERAL (IPSIG): Pursuant to MDC Code Section 2-1076, the Office of the Miami-Dade County Inspector General (IG) shall have the authority and power to review past, present, and proposed County programs, accounts, records, contracts, and transactions. The IG shall have the power to subpoena witnesses, administer oaths, and require the production of records. Upon ten (10) days' written notice to the Consultant from IG, the Consultant shall make all requested records and documents available to the IG for inspection and copying.

The Consultant shall make available at its office at all reasonable times the records, materials, and other evidence regarding the acquisition (bid preparation) and performance of this contract, for examination, audit, or reproduction, until 3 years after final payment under this contract or for any longer period required by statute or by other clauses of this contract. In addition:

- (1) If this contract is completely or partially terminated, the Consultant shall make available the records relating to the work terminated until 3 years after any resulting final termination settlement; and
- (2) The Consultant shall make available records relating to appeals or to litigation or the settlement of claims arising under or relating to this contract until such appeals, litigation, or claims are finally resolved.

The IG shall have the power to report and/or recommend to the Board of County Commissioners whether a particular project, program, contract, or transaction is or was necessary and, if deemed necessary, whether the method used for implementing the project or program is or was efficient both financially and operationally. Monitoring of an existing project or program may include reporting whether the project is on time, within budget and in conformity with plans, specifications, and applicable law. The IG shall have the power to analyze the need for, and reasonableness of, proposed Change Orders.

The IG may, on a random basis, perform audits on all County contracts throughout the duration of said contract (hereinafter "random audits"). This random audit is separate and distinct from any other audit by the County. To pay for the functions of the Office of the Inspector General, any and all payments to be made to the Consultant under this contract will be assessed one quarter of one percent of the total amount of the payment, to be deducted from each progress payment as the same becomes due, unless this Agreement is federally funded where federal or state law or regulations preclude such a charge or where such a charge is otherwise precluded as stated in the Special Provisions (see Article 9). The Consultant shall, in stating its agreed prices, be mindful of this assessment, which will not be separately identified, calculated, or adjusted in the proposal or bid form.

The IG shall have the power to retain and coordinate the services of an independent private sector inspector general (IPSIG) who may be engaged to perform said random audits, as well as audit, investigate, monitor, oversee, inspect, and review the operations, activities, and performance and procurement process including, but not limited to, project design, establishment of bid specifications, bid submittals, activities of the Consultant, its officers, agents and employees, lobbyists, County staff, and elected officials in order to ensure compliance with contract specifications and detect corruption and fraud. The IG is authorized to investigate any alleged violation by a Consultant of its Code of Business Ethics, pursuant of MDC Code Section 2-8.1.

The provisions in this section shall apply to the Consultant, its officers, agents and employees. The Consultant shall incorporate the provisions in this section in all subcontracts and all other agreements executed by the Consultant in connection with the performance of this contract.

INDEPENDENT PRIVATE SECTOR INSPECTOR GENERAL

The attention of the Consultant is hereby directed to the requirements of AO 3-20 and R-516-96: the County shall have the right but not the obligation to retain the services of an Independent Private Inspector General (IPSIG) who may be engaged to audit, investigate, monitor, oversee, inspect, and review the operations, activities, and performance of the Consultant and County in connection with this contract. The scope of services performed by an IPSIG may include, but are not limited to, monitoring and investigating compliance with Contract Specifications; project costs; and investigating and preventing corruption and fraud.

The IPSIG may perform its services at all levels of the contracting and procurement process including, but not limited to, project design, establishment of bid specifications, bid submittals, activities of Consultant, its officers, agents and employees, lobbyists, county staff and elected officials.

Upon (10) ten days' written notice to Consultant from an IPSIG, the Consultant shall make all requested records and documents available to the IPSIG for inspection and copying. The IPSIG shall have the right to examine all documents and records in the Consultant's possession, custody, or control which, in the IPSIG's sole judgment, pertain to performance of the Contract, including, but not limited to, original estimate files, bid and change order estimates, worksheets, proposals and agreements from and with successful and unsuccessful sub-consultants and suppliers, all project-related correspondence, memoranda, instructions, financial documents, construction documents, bid and contract documents, back-charge document, all documents and records which involve cash, trade, or volume discounts, insurance proceeds, rebates, or dividends received, payroll and personnel records, and supporting documentation for the aforesaid documents and records.

3.13 OWNERSHIP OF DOCUMENTS AND COPYRIGHTS:

- 3.13.1 All notes, correspondence, documents, designs, drawings, renderings, calculations, specifications, models, photographs, reports, surveys, investigations, AutoCAD files, blocks, simulations, intellectual property related to the Agreement, and any other documents and copyrights thereto for Services performed or produced in the performance of this Agreement, whether in paper or other hard copy medium or in electronic medium, is a work for hire and is the property of the Owner; however, the Owner may grant to the Architect/Engineer a non-exclusive license of the copyright to the Architect/Engineer for reusing and reproducing copyrighted materials or portions thereof as authorized by the Owner in advance and in writing. In addition, the Architect/Engineer shall not disclose, release, or make available any document to any third party without prior written approval from Owner.
- 3.13.2 The Architect/Engineer is permitted to reproduce copyrighted material described above subject to written approval from the Owner.
- 3.13.3 At the Owner's option, the Architect/Engineer may be authorized by Service Order to adapt copyrighted material for additional or other work for the Owner; however, payment to the Architect/Engineer for such adaptations will be limited to an amount not greater than 50% of the original fee earned to adapt the original copyrighted material to a new site.
- 3.13.4 The Owner shall have the right to modify the Project or any component thereof without permission from the Architect/Engineer or without any additional compensation to the Architect/Engineer. The Architect/Engineer shall be released from any liability resulting from such modification.
- 3.13.5 The Owner shall own rights to all passwords necessary to access Project registration and certification data submitted to the GBCI via internet websites or other means.

3.14 LAWS AND REGULATIONS:

- 3.14.1 The Architect/Engineer shall, during the term of this Agreement, be governed by Federal, State of Florida, and Miami-Dade County Laws, Regulatory Orders, County Codes and Resolutions, and MDAD operating procedures, all as may be amended from time to time, that may have a bearing on the Services involved in this Project. The Department will assist the Architect/Engineer in obtaining copies of any such laws, orders, codes, resolutions, or procedures not readily available on the Internet.

3.14.2 The Agreement shall be governed by the laws of the State of Florida and may be enforced in a court of competent jurisdiction in Miami-Dade County, Florida.

3.14.3 Portions of the work produced under this Agreement may be determined by the Owner to contain Security Sensitive Information (SSI). Upon notification by the Owner, the A/E and its sub-consultants under this Agreement shall follow security requirements of the Transportation Security Administration, 49 CFR Parts 1500, et al., Civil Aviation Security Rules, and other MDAD Security Procedures. Documents deemed by the Owner to contain Security Sensitive Information shall bear the following warning:

Warning Notice: This record contains Sensitive Security Information that is controlled under the provisions of 49 CFR Parts 15 and 1520. No part of this record may be disclosed without a "need to know", as defined in 49 CFR Parts 15 and 1520, except with the written permission of the Administrator of the Transportation Security Administration or the Secretary of Transportation. Unauthorized release may result in civil penalty or other action.

3.14.4 In accordance with Florida Statutes 119.071 (3) (b), building plans, blueprints, schematic drawings, and diagrams, including draft, preliminary, and final formats, which depict the internal layout and structural elements of a building, arena, stadium, water treatment facility, or other structure owned or operated by an agency, are exempt from s. 119.07 and s. 24(a), Art. I of the State Constitution. This exemption applies to building plans, blueprints, schematic drawings, and diagrams, including draft, preliminary, and final formats, which depict the internal layout and structural elements of a building, arena, stadium, water treatment facility, or other structure owned or operated by an agency before, on, or after the effective date of this act. Information made exempt by this paragraph may be disclosed to another governmental entity with prior approval by the Owner if disclosure is necessary for the receiving entity to perform its duties and responsibilities; to a licensed architect, engineer, or contractor who is performing work on or related to the building, arena, stadium, water treatment facility, or other structure owned or operated by an agency; or upon a showing of good cause before a court of competent jurisdiction. The entities or persons receiving such information shall maintain the exempt status of the information.

- 3.14.5 The Consultant shall comply with the financial disclosure requirements of Ordinance No. 77-13, as amended by having on file or filing within thirty (30) days of the execution of the Agreement one of the following with the Supervisor of the Miami-Dade County Elections Department, P.O. Box 521550, Miami, Fl. 33152-1550.
- A. A source of income statement
 - B. A current certified financial statement
 - C. A copy of the Consultants current Federal Income Tax Return
- 3.14.6 In addition to the above requirements in this sub-article, the Architect/Engineer agrees to abide by all Federal, State, and County procedures, as may be amended from time to time, by which the documents are handled, copied, and distributed which may include, but is not limited to:
- 3.14.6.1 Each employee of the consultant and subconsultants(s) that will be involved in the Project, shall sign an agreement stating that they will not copy, duplicate, or distribute the documents unless authorized by the Owner as required in Article 3.14.4.
 - 3.14.6.2 The Architect/Engineer and its subconsultant(s) agree in writing that the project documents are to be kept and maintained in a secure location.
 - 3.14.6.3 Each set of the project documents is to be numbered and the whereabouts of the documents shall be tracked at all times.
 - 3.14.6.4 A log is developed to track each set of documents logging in the date, time, and name of the individual(s) that works on or views the documents.
- 3.15 CORRECTIONS TO CONTRACT DOCUMENTS: The Architect/Engineer shall prepare, without added compensation, all necessary supplemental documents to correct errors, omissions, and/or ambiguities that may exist in the Contract Document prepared by the Architect/Engineer including the documents prepared by its sub-consultants. Compliance with this Article shall not be construed to relieve the Architect/Engineer from any liability resulting from any such errors, omissions, and/or ambiguities in the Contract Documents and other documents or Services related thereto.
- 3.16 WARRANTY: The Architect/Engineer warrants that the Services furnished to the Owner under this Agreement shall conform to the quality expected of and usually provided by the profession in the State of Florida applicable to the design and construction of public and commercial facilities.

- 3.17 OWNER REPRESENTATIVE: The Owner will assign a Project Manager to the Project to coordinate all Owner responsibilities under this Agreement. All instructions from the Owner to the Architect/Engineer shall be issued by or through the Project Manager. The Architect/Engineer shall promptly inform the Project Manager in writing of any instructions received from others and of any other circumstances that arise that might affect the performance of the Services or of the Work.
- 3.18 SECURED AREAS/AIR OPERATIONS AREA (AOA)/SIDA/ STERILE AREAS SECURITY:
- 3.18.1 The Architect/Engineer acknowledges and accepts full responsibility for compliance with all applicable laws, rules and regulations including those of the Transportation Security Administration (TSA), Department of Homeland Security (DHS), Federal Aviation Administration (FAA), Customs and Border Protection (CBP), and MDAD as set forth from time to time relating to Architect/Engineer activities at the Miami International Airport (MIA), or other Miami- Dade County airports.
- 3.18.2 In order to maintain high levels of security at MIA, the Architect/Engineer must obtain MDAD photo identification badges for all the Architect/Engineer's employees working in the Secured/AOA/Security Identification Display Area (SIDA)/Sterile Areas or any other restricted areas of the Airport. MDAD issues two types of identification badges: photo identification badges and non-photo passes. All employees, except temporary workers (working less than two weeks), will be required to obtain photo identification badges and will be subject to Federal Bureau of Investigation (FBI) fingerprint-based Criminal History Records Check (CHRC). Temporary workers (working less than two weeks) will be issued non-photo passes. At no time will an employee bearing a non-photo identification badge be authorized in a secured MIA location without being escorted by an MDAD authorized Escort Authority that has been issued a badge with an escort seal by the MDAD ID Section. No other individuals are allowed to escort under any circumstances.
- 3.18.3 The Architect/Engineer shall be responsible for requesting MDAD issue identification badges to all employees whom the Architect/Engineer requests be authorized access to the Secured/AOA/SIDA/Sterile Areas or any other restricted areas of the Airport and shall be responsible for the immediate reporting of all lost or stolen ID badges and the immediate return of the ID badges of all personnel transferred from Airport assignment, terminated from the employ of the Architect/Engineer, upon final acceptance of the Work, or termination of this Contract. The Architect/Engineer will be responsible for all fees associated with lost and unaccounted for badges or passes as well as the fee(s) for fingerprinting and ID issuance.

- 3.18.4 All employees of the Architect/Engineer, or Subconsultants, who must work within MDAD Secured/AOA/SIDA/Sterile Areas or any other restricted areas at Miami International Airport shall be supplied with MDAD identification badges as specified above, which must be worn at all times while within the referenced areas. Badges shall be worn on outer garments above the waist so as to be clearly visible in order to distinguish, on sight, employees assigned to a particular contractor. MDAD issues the non-photo passes on a daily basis, not to exceed two weeks. In order to obtain a non-photo pass, the Architect/Engineer must submit a 48 Hour Advance Notification form with required information to the MDAD Security Division, ID Section, for all temporary workers requiring access to the MDAD Secured/AOA/SIDA/Sterile Areas or other restricted areas of the airport. Non-photo passes will not be issued to temporary workers who have failed a criminal history records check, are in possession of an expired work permit, and/or have an expired MDAD ID badge. Each employee must complete the SIDA training program conducted by MDAD and comply with all other TSA, DHS, CBP, FAA or MDAD requirements as specified by the MDAD at the time of application for the ID badge before an ID badge is issued. MDAD Security and Safety ID Section regularly provide SIDA Training.
- 3.18.5 Architect/Engineer Ramp Permits will be issued to the Architect/Engineer authorizing vehicle entrance to the Airfield Operations Area (AOA) through specified Miami-Dade Aviation Department guard gates for the term of any Project. These permits will be issued only for those vehicles (including vehicles belonging to the Subconsultant) that must have access to the site during the performance of the Work. These permits will be only issued to company owned vehicles or to company leased vehicles (leased from a commercial leasing company). AOA decals, passes, or permits to operate within the Secured/AOA/SIDA will not be issued to privately owned or privately leased vehicles. All vehicles operating within the Secured/AOA/SIDA must have conspicuous company identification signs (minimum of three (3) inch lettering) displayed on both sides of the vehicle.
- 3.18.5.1 All vehicles operating within the Secured/AOA/SIDA must be provided with the Automobile Liability Insurance required elsewhere in these General Conditions. Proof of such insurance shall be provided to MDAD Airside Operations Division upon request.
- 3.18.6 Vehicles delivering materials to the site will be given temporary passes at the appropriate guard gate. Such vehicles shall not be permitted to operate within the Secured/AOA/SIDA without MDAD escort to be provided by MDAD's Operations Division. To obtain an escort, the Architect/Engineer shall notify MDAD Airside Operations Division in writing twenty-four (24) hours in advance of such need. These passes shall be surrendered upon leaving the Secured/AOA/SIDA. All vehicles shall be marked with company name to ensure positive identification at all times while in the Secured/AOASIDA.

- 3.18.7 Only Architect/Engineer management level staff and supervisors with pictured MDAD I.D. badges shall be allowed to operate a motor vehicle on the Secured/AOA/SIDA without MDAD escort except when operating a vehicle that requires a specialized license to operate (CDL). Such vehicles must be under MDAD Airside Operations escort when moving on the AOA unless said vehicle is operating in an approved MOT. The Architect/Engineer shall require such employee to have a current, valid, appropriate Florida driver's license and to attend and successfully complete the AOA Driver Training Course conducted periodically by the Department. The privilege of a person to operate a motor vehicle on the Secured/AOA/SIDA may be withdrawn by the Department due to violation of AOA driving rules, or loss of Florida driver's license, or other cause.
- 3.18.8 The Architect/Engineer agrees that its personnel, vehicles, cargo, goods, and other personal property are subject to being searched when attempting to enter, leave or while on the Secured/AOA/SIDA/Sterile Areas or other restricted areas of the airport. It is further agreed that the MDAD has the right to prohibit an individual, agent, or employee of the Architect/Engineer or Subconsultant from entering the Secured/AOA/SIDA/Sterile Areas or other restricted areas, based upon facts which would lead a person of reasonable prudence to believe that such individual might be inclined to engage in theft, cargo tampering, aircraft sabotage, or other unlawful activities, including failure to comply with TSA, DHS, FAA, CBP, and MDAD SIDA/access control policies, rules, and regulations. Any person denied access to the Secured/AOA/SIDA/Sterile areas or other restricted areas of the airport or whose prior authorization has been revoked or suspended on such grounds shall be entitled to a review hearing before the Director or his/her authorized designee within a reasonable time. Prior to such hearing, the person denied access to the Secured/AOA/SIDA/Sterile Areas or other restricted areas of the airport shall be advised, in writing, of the reasons for such denial.
- 3.18.8.1 The Architect/Engineer acknowledges and understands that these provisions are for the protection of all users of the Secured/AOA/SIDA/Sterile Areas and are intended to reduce the incidence of terrorism, thefts, cargo tampering, aircraft sabotage, and other unlawful activities at the Airport and to maximize compliance with TSA, DHS, CBP, FAA, and MDAD access control policies and procedures.
- 3.18.9 The Architect/Engineer understands and agrees that vehicle and equipment shall not be parked/stored on the Secured/AOA/SIDA in areas not designated or authorized by MDAD nor in any manner contrary to any posted regulatory signs, traffic control devices, or pavement markings.

- 3.18.10 The Architect/Engineer understands and agrees that all persons entering and working in or around arriving international aircraft and facilities used by the various Federal Inspection Services agencies may be subject to the consent and approval of such agencies. Persons not approved or consented to by the Federal Inspection Services agencies shall not be employed by the Architect/Engineer in areas under the jurisdiction or control of such agencies. Persons not approved or consented to by the Federal Inspection Services agencies who enter such areas are subject to fines, which shall be borne entirely by the persons and/or the Architect/Engineer.
- 3.18.11 Notwithstanding, the specific provisions of this Section, the Owner shall have the right to add to, amend, or delete any portion hereof in order to meet reasonable security requirements of MDAD or of the TSA/DHS/ CBP/FAA.
- 3.18.12 The Architect/Engineer shall ensure that all employees so required participate in such safety, security, and other training and instructional programs, as MDAD or appropriate Federal agencies may from time to time require.
- 3.18.13 The Architect/Engineer agrees that it will include in all contracts and subcontracts with its MIA Subconsultants, service providers, and suppliers an obligation by such parties to comply with all security requirements applicable to their operations at the Airport. The Architect/Engineer agrees that in addition to all remedies, penalties, and sanctions that may be imposed by TSA, DHS, CBP, FAA, or the MDAD upon the Architect/Engineer's Subconsultants, suppliers, and their individual employees for a violation of applicable security provisions, the Architect/Engineer shall be responsible to the Owner for all such violations and shall indemnify and hold the Owner harmless for all costs, fines and penalties arising there from, such costs to include reasonable attorneys' fees.
- 3.18.14 In addition to the foregoing, the Architect/Engineer shall be required to comply with the U.S. Customs and Border Protection (CBP) requirements for obtaining CBP seals for those Architect/Engineer employees that will be involved within the CBP/FIS environment at MIA. The Architect/Engineer shall be responsible for all related fees for required bonding, fingerprinting, and background investigations of Architect/Engineer personnel.
- 3.18.15 The employee(s) of the Architect/Engineer shall be considered to be at all times its employee(s), and not an employee(s) or agent(s) of the County or any of its departments. The Architect/Engineer shall provide employee(s) competent and physically capable of performing the Work as required. The County may require the Architect/Engineer to remove any employee it deems unacceptable.

- 3.19 NON-EXCLUSIVITY: Notwithstanding any provision of this Non-Exclusive Agreement, the Owner is not precluded from retaining or utilizing any other Architect, Engineer, Design Professional, or other consultant to perform any incidental Basic Services, Additional Services, or other Professional Services within the contract limits defined in the agreement. The Architect/Engineer shall have no claim against the County as a result of the County, electing to retain or utilize such other Architect, Engineer, Design Professional, or other consultant to perform any such incidental Services.
- 3.20 CONTINUED ENGAGEMENT OF CRITICAL PERSONNEL: In accordance with County Resolution No. 744-00, the Architect/Engineer shall identify in **Appendix 3**, attached hereto and made a part hereof, the specific technical or professional personnel to perform the necessary services under this Agreement. Such personnel shall not be replaced except when the Owner determines, in its discretion, that the proposed replacement personnel have equal or greater qualifications or capabilities to perform the necessary services.
- 3.21 ARCHITECT/ENGINEER RESPONSIBILITY:
- 3.21.1 The Architect/Engineer is responsible for the professional quality, technical accuracy, completeness, compliant with codes at time of building permit, performance and coordination of all work required under the Agreement (including the work performed by Subconsultants), within the specified time period and specified cost. The Architect/Engineer shall perform the work utilizing the skill, knowledge, and judgment ordinarily possessed and used by a proficient consulting Architect/Engineer with respect to the disciplines required for the performance of the work in the State of Florida. The Architect/Engineer is responsible for, and represents that the work conforms to, the Owner's requirements as set forth in the Agreement. The Architect/Engineer shall be and remain liable to the Owner for all damages in accordance with applicable law caused by any failure of the Architect/Engineer or its Subconsultants to comply with the terms and conditions of the Agreement or by the Architect/Engineer's or Subconsultants' misconduct, unlawful acts, negligent acts, errors, or omissions in the performance of the Agreement. The A/E is responsible for the performance of work by Subconsultants and in approving and accepting such work, ensure the professional quality, completeness, and coordination of Subconsultant's work.
- 3.21.2 In addition to all other rights and remedies that the Owner may have, the Architect/Engineer shall, at its expense, re-perform the services to correct any deficiencies that result from the Architect/Engineer's failure to perform in accordance with the above standards. The Architect/Engineer shall also be liable for the cost of replacement or repair of any defective materials and equipment and re-performance of any non-conforming construction services resulting from such deficient Architect/Engineer services for a period from the commencement of this Agreement until twelve (12) months following

final acceptance of the Work or for the period of design liability required by applicable law.

- 3.21.3 The Owner shall notify the Architect/Engineer in writing of any deficiencies and shall approve the method and timing of the corrections. Neither Owner's inspection, review, approval, or acceptance of, nor payment for, any of the work required under the Agreement shall be construed to relieve the Architect/Engineer or any Subconsultant of its obligations and responsibilities under the Agreement, nor constitute a waiver of any of the Owner's rights under the Agreement or of any cause of action arising out of the performance of the Agreement.
- 3.21.4 Upon Owner's notification of deficient or defective work stemming from the Architect/Engineer's services, the Architect/Engineer shall have five (5) days to respond to the Owner's claim. The Owner shall implement its procedure for administrative review of the claim with notification to the Architect/Engineer of the findings from that review. Upon notification, the Architect/Engineer shall have five (5) days to request reconsideration of the findings.
- 3.22 ARCHITECT/ENGINEER PERFORMANCE EVALUATION In accordance with Administrative Order 3-39 entitled "Standard Process for Construction of Capital Improvements, Acquisition of Professional Services, Construction Contracting, Change Orders, and Reporting", the Architect/Engineer is advised that a performance evaluation of the services rendered throughout this Agreement will be completed by the Owner and kept in Miami-Dade County files for evaluation of future solicitations.
- 3.23 ENTIRETY OF AGREEMENT: This Agreement represents the entire and integrated Agreement between the Owner and the Architect/Engineer and supersedes all prior negotiations, representations, or agreements between the parties hereto, either written or oral, pertaining to the Project(s). This Agreement shall not be amended except by written Amendment.
- 3.24 PROMPT PAYMENT: It is the policy of Miami-Dade County that payment for all purchases by County agencies and the Public Health Trust shall be made in a timely manner and that interest payments be made on late payments. In accordance with Florida Statutes, Section 218.74 and Section 2-8.1.4 of the Miami-Dade County Code, the time at which payment shall be due from the County or the Public Health Trust shall be forty-five (45) days from receipt of a proper invoice. The time at which payment shall be due to small businesses shall be thirty (30) days from receipt of a proper invoice. All payments due from the County or the Public Health Trust, and not made within the time specified by this section, shall bear interest from thirty (30) days after the due date at the rate of one percent (1%) per month on the unpaid balance. Further, proceedings to resolve disputes for payment of obligations shall be concluded by final written decision of the County Manager, or his or her designee(s), not later than sixty (60) days after the date on which the proper invoice was received by the County or the Public Health Trust.

- 3.25 **CERTIFICATION OF WAGE RATES:** In accordance with Florida Statute 287.055, 5(a), the Consultant firm hereby certifies and warrants that wage rates and other factual unit costs, as submitted in support of the compensation provided are accurate, complete and current as of the date of this Agreement. It is further agreed that said compensation shall be adjusted to exclude any significant costs where the County shall determine that the contract price of services was increased due to inaccurate, incomplete or unclear wage rates or other factual unit costs. All such contract compensation adjustments shall be made within one (1) year from the date of final billing or acceptance of the work by the County, or one (1) following the end of the contract, whichever is later.
- 3.26 **ETHICS COMMISSION:** Pursuant to Section 2-11.1(w) of the Code of Miami-Dade County, the Ethics Commission has jurisdiction over Consultants and vendors. The Consultant firm must provide the Ethics Commission with a written report regarding its compliance with any restriction contained in the advisory opinion issued by the Ethics Commission to the Consultant firm, sub-consultants, or team members within ninety (90) days of each task assignment. The report must be submitted to the Executive Director, Commission on Ethics and Public Trust at 19 West Flagler St., Suite 207, Miami, Florida 33130.
- 3.27 **TRUTH IN NEGOTIATION:** Pursuant to A.O. 3-39 and Florida Statutes Chapter 287.055 5(a): For all lump sum costs or costs plus a fixed fee contract in which a fee will exceed One Hundred Fifty Thousand Dollars (\$150,000; 287.017 – category four), the County will require the firm receiving the award to execute a Truth-In-Negotiation Certificate as required by Chapter 287, Florida Statutes.
- 3.28 **SUSTAINABLE BUILDINGS PROGRAM:** Pursuant to Implementing Order 8-8, design of this project shall meet the standards delineated in Article 9.
- 3.29 **EMPLOYMENT ELIGIBILITY VERIFICATION (E-VERIFY):** Consultant is required to enroll in the United States Citizenship and Immigration Services E-Verify system, and to utilize that system to verify the employment eligibility of all persons performing work for the Consultant under this Agreement. Consultant shall incorporate this requirement into all of its subcontracts as well.
- 3.30 **ENERGY PERFORMANCE (EPact):** Pursuant to R-740-08, A/E agrees to the following terms and conditions of engagement if awarded the Agreement for the work described herein: (1) [Miami-Dade County reserves the right to designate any eligible entity as the "Designer" of the energy efficient improvements incorporated in this Project for the purposes of allocating accelerated depreciation benefits pursuant to Section 179D of the Internal Revenue Code of 1986, as amended (the "Code"); (2) if Miami-Dade County determines that A/E shall receive accelerated depreciation benefits as a "Designer" for the purposes of Section 179D of the Code or that A/E shall otherwise benefit financially from the monetization of the accelerated depreciation benefit, A/E shall agree to discount its Agreement price or provide a cash rebate to Miami-Dade County. The determination of rebate versus discount shall be determined by Miami-Dade County at its sole discretion.

The amount of the incremental financial benefit realized by the A/E as a result of the accelerated depreciation benefit or the monetization thereof, such actual percentage shall be negotiated in good faith by Miami-Dade County at the time the financial benefit to [A/E, Consultant] becomes ascertainable; (3) Miami-Dade County reserves the right to retain a third party consultant ("EP ACT Consultant") to manage and administer the process of obtaining and monetizing the accelerated depreciation benefit derived from the Project and to designate the Energy Efficiency Consultant as the "Designer" of the energy efficient improvements for the purposes of Section 179D of the Code; and (4) A/E agrees to cooperate in all reasonable respects with the Energy Efficiency Consultant's efforts to obtain and monetize any such benefits derived from the Project on behalf of Miami-Dade County.

The County shall have no obligation to designate any entity "the Designer", to pursue such benefits on behalf of the [A/E, Consultant], or to cooperate with [A/E, Consultant] in securing these benefits.

- 3.31 AMERICANS WITH DISABILITIES ACT (ADA) STANDARDS: The design of this project shall meet the standards delineated in the 2010 ADA Standards for Accessible Design.
- 3.32 ACCOUNTS RECEIVABLE ADJUSTMENTS: In accordance with Miami-Dade County Implementing Order 3-9, Accounts Receivable Adjustments, if money is owed by the Architect/Engineer to the County, whether under this Contract or for any other purpose, the County reserves the right to retain such amount from payment due by County to the Architect/Engineer under this Contract. Such retained amount shall be applied to the amount owed by the Architect/Engineer to the County. The Architect/Engineer shall have no further claim to such retained amounts which shall be deemed full accord and satisfaction of the amount due by the County to the Architect/Engineer for the applicable payment due herein.

ARTICLE 4

BASIC SERVICES

4.1 START OF WORK: No Services under this Agreement shall be performed by the Architect/Engineer prior to the receipt of an appropriate Service Order. Each Service Order shall specify

- the scope of work, time of completion, deliverables, and total compensation for the services authorized;
- the consequences for failure of the A/E to meet the DSCMP; and
- whether the Services are Basic Services, Additional Services, Work Site Services, or Dedicated Services.

A Service Order may also be issued to stop the performance of such Services.

4.2 BASIC SERVICES SCHEDULE AND SUMMARY: The Architect/Engineer agrees to furnish or cause to be furnished to the extent authorized by Service Order all architectural and engineering professional services, as further specified below, designated as Basic Services, in the Phases delineated and described herein unless modified by the Service Order, for the design, Work Related Services, and satisfactory completion of the Project described in a Project Definition Book or as may otherwise be described in the Special Provisions of this Agreement. The Architect/Engineer shall be responsible for correction of any errors, omissions, and/or ambiguities, as determined by the Owner/Project Manager, resulting from the Services. The Architect shall be responsible for compliance with codes at the time of building permit, at no additional cost. However, if code changes during the construction phases result in any design or construction cost impacts, and the Owner requires redesign to comply with any new codes, the Architect/Engineer is entitled to additional compensation.

Upon receipt by the Architect/Engineer of a Service Order to proceed with Phase I services, the Architect/Engineer shall prepare and submit to the Owner, for its review and approval, a DSCMP for the first three Phases of the Project that conforms to the Project and Phase durations contained in the schedule in the Special Provisions.

The Architect/Engineer is firmly obligated to complete the services in accordance with the approved DSCMP, and shall furnish sufficient personnel, equipment, and facilities and shall work such hours as necessary to assure such completion. The Architect/Engineer shall meet once per month with the Project Manager to review the Architect/Engineer prepared DSCMP, which will establish the basis of payment and the actions necessary to correct schedule deficiencies. The Architect/Engineer may request modifications to the DSCMP by submitting a written request to modify with supporting justification. It shall be at the Owner's sole discretion whether to grant such a modification.

- 4.2.1 The Architect/Engineer shall furnish or cause to be furnished all professional design services prescribed in the Special Provisions of this Agreement and all other services normally required for an airport project of this type.
- 4.2.2 The Architect/Engineer shall design facilities that have common boundaries, surfaces, spaces, or that otherwise interface with other facilities or operations being designed, constructed, or operated by others not a part of this Agreement and shall also include the coordination of such design.
- 4.2.3 The Architect/Engineer shall design interim/temporary facilities included in the Project Budget with the necessary associated facilities to accommodate operations, pedestrian and/or vehicular traffic, tenants or concessionaires, as needed during construction. Additionally, the A/E shall provide designs that do not interrupt the existing operations at MIA without prior written authorization.
- 4.2.4 It shall be the responsibility of the Architect/Engineer to follow and be responsive to the technical and schedule guidance and oversight furnished by the Project Manager.
- 4.2.5 Architect/Engineer shall submit LEED project registration at Phase 1A.
- 4.2.6 All services performed during Phases 1A through 3D of the Basic Services shall comply with and be in conformance with the Deliverables Requirements Manual and the Design Guidelines Manual as well as the PGDS V4.2. In addition, the Project shall be designed so as to be able to achieve the LEED category stipulated in Article 9.
- 4.2.6.1 The LEED AP shall develop and implement a LEED Certification Plan to monitor and document progress during design and construction. Implementation shall include, but not be limited to, the following through-out all Phases: coordinate and verify selected materials, actions, and systems are Project-appropriate and meet LEED credit criteria; collect, organize, and prepare documents required for LEED certification, and performance verification; and register the Project with GBCI, providing follow-through in attaining the required level of LEED certification.
- 4.2.7 Throughout all Phases of the Basic Services, the Architect/Engineer shall coordinate its Services with the Construction Manager at Risk, other Owner provided consultants or information supplied by the owner, especially the BIM files and or Point Cloud Laser Scans that were created during the 30% design in 2013.

- 4.2.8 For Phases 1A through 3D of the Basic Services, the Architect/Engineer shall submit to the Owner the deliverables listed under the various Phases in the Deliverables Requirements Manual or as stipulated in the PGDS V 4.2 and in the format approved by the Owner and that are in conformance with the PGDS V 4.2 as well. In addition, the Architect/Engineer shall submit with each set of deliverables a complete listing of the items required to be delivered for that Phase, by discipline, and indicate which of those items are actually being submitted. For any items not being submitted, the Architect/Engineer shall submit either a written statement as to why such items are not being submitted as required or an approved waiver for the omission. The Owner reserves the right to reject all or part of any submittals that are not complete in their content as required herein. The Architect/Engineer shall be totally responsible for any additional costs resulting, from such rejections and shall not be compensated in any manner by the Owner therefor.
- 4.2.9 For Phases 1A through 3D of the Basic Services, the Architect/Engineer shall submit estimates of Probable Construction Cost, as described in the Definitions and/or in the PGDS V 4.2. The estimates are to be prepared by a Professional Construction Estimator and shall follow the requirements set forth in the PGDS V. 4.2. Compensation to the Professional Construction Estimator shall be the sole responsibility of the Architect/Engineer and shall be considered part of the Architect/Engineer's compensation for Basic Services. As part of its Probable Construction Cost, the Architect/Engineer shall assist the Owner in identifying Project Elements that are eligible for Federal/State grant-in-aid participation. The Architect/Engineer shall assist in reviewing applications prepared by the Owner and the Project Manager. If meetings with grant agencies are required, attendance at such meetings will be compensated by the Owner as Additional Services. During Phases 1A through 3D, the Architect/Engineer shall register the project for LEED certification under Building Design and Construction (BD+C) rating system, prepare and submit the application to the certifying body.
- 4.2.10 Submittals for Phases 1A through 3D shall include a "Project LEED points estimate" and narrative, as appropriate, describing the materials, actions, and systems being incorporated in the Project to attain the stated LEED-certification category.
- 4.2.11 Throughout all Phases of the Basic Services, all drawings shall be produced electronically using AUTOCAD software which shall be within two (2) years of the latest release. The A/E must submit all original working drawings in an electronic vector format with an AUTOCAD drawing extension ".dwg". Within the drawing, all external reference files must be bound into one file that represents each of the drawings (hardcopy/prints) in the construction document set. With each submittal, all supporting electronic files, such as images, fonts and line types, shall be included with the drawings. All drawings must comply with and use a layering format adopted by the Owner and referred to as the Technical Support Facility Management Layering system.

Building Information Modeling (BIM) shall be submitted by the A/E shall employ the use of BIM technology, utilizing Autodesk Revit software in .RVT, .RFA, .RFT extensions.

The Owner retains all rights to further use of all electronic drawings as well as blocks, linotypes, layering convention and any other information contained in the electronic drawings that are needed to reproduce the drawings in the construction document set. If another software package is used to produce the drawings, the A/E is responsible for the conversion to an AUTOCAD format as stated above and must fix any anomalies in the electronic drawing before submitting the electronic drawings and submit all drawings utilizing the Owner's drawing layer scheme. This information can be obtained through MDAD Technical Support.

- 4.2.12 The Architect/Engineer shall submit hard and electronic format, as specified herein or otherwise by the Owner, copies of all documents required under each Phase for review, comments, and approval by the Owner. The number of copies and the distribution of those copies shall be specified in the Service Order for each Phase. All submittals to the TSA will be in compliance with the PGDS V 4.2.

The electronic submittal required under this Agreement shall be in a format acceptable to the Owner and shall generally consist of the digital plot files and digital working files as indicated above and shall be organized and submitted on compact storage discs (DVD/CD) compatible with Owner's "Windows" operating system. This information can be obtained through MDAD Technical Support.

- 4.2.13 At the end of Phases 1B, 2 and 3C the Architect/Engineer shall, through the Project Manager, schedule a review(s) of all plans and programs with the user representatives of the Owner.
- 4.2.14 Recognizing that the construction of other projects at the Airport may affect scheduling of the construction for each Project Element or components thereof, the Architect/Engineer shall diligently coordinate the performance of the Services with the Owner and its designees in order to provide for the safe, expeditious, economical, and efficient completion of the Project, without negatively impacting concurrent work by others or the airport operations.
- 4.2.15 A formal Value Analysis/Engineering study will be conducted at the end of Basic Services Phase 2. The A/E shall assist as directed by the Project Manager in the VA/E process. A BHS operational impact analysis of design shall also be undertaken to determine any monetary impact of design decisions on the operations of the BHS and/or the facility within this design scope.

- 4.2.16 The Architect/Engineer shall have a written design quality management program related to Construction Contract Document preparation and Work Related Services that details the methods and procedures that will be taken to assure that all services required by this Agreement conform to the required professional quality, technical accuracy, completeness, performance, and coordination of all work under the Agreement (including the work performed by Subconsultants). Such program shall be submitted to the Owner within seven (7) days after the Owner issues the first Service Order under this Agreement. The Architect/Engineer shall make all adjustments to the program deemed necessary by the Owner. The design quality management program, as adjusted, shall be implemented throughout the entire design and construction process.
- 4.2.17 The Architect/Engineer's Probable Construction Cost (including construction contingency allowance), broken down by specification sections or unit prices, shall include any adjustments necessary for projected award dates, changes in requirements, or general market conditions. Service Orders to proceed with Phases 3A, 3B and 3C may not be issued if the Probable Construction Cost, as submitted by the Architect/Engineer at Phases 2, 3A and 3B, respectively, exceeds the total Owner allocated funds for the construction of the Project. No further progress payment shall be made should the Probable Construction Cost in any Phase exceed the Budget, until an alternate design is provided at no additional compensation, to bring the cost within the Project Budget limitations.
- 4.2.18 For Phases 3A through 3D, the Architect/Engineer shall assist, if authorized by MDAD, the CMAR to provide a CSI formatted cost loaded construction schedule that conforms to both the latest Probable Construction Cost and the Work Sequencing and Staging Plan. The cost loaded schedule shall be updated at each Phase. The level of detail of the cost loaded schedule at each Phase shall be commensurate with the level of detail of the latest Probable Construction Cost.
- 4.2.19 For Phases 3A through 3D, the Architect/Engineer shall assist, if authorized by MDAD, the CMAR effort to prepare plans for the Contractor's/Field Representative's construction trailer. The plans shall show as a minimum the location of the trailer(s), parking, access, and temporary utility connections for the trailer(s) required during the performance of the Work by the Contractor.
- 4.2.20 Commissioning Plans: The Architect/Engineer shall develop a commissioning plan in conformance with the current edition of the "MDAD Standard Technical Specifications" (<http://www.miami-airport.com/sts/01002v2.pdf>).
- 4.2.21 Testing and Commissioning as defined by TSA PGDS V 4.2 shall be required for the BHS. Operational BHS testing requirements shall be developed by the BHS Consultant with MDAD as well as MDAD's Operations and Maintenance Vendor.

4.3 PHASES 1A AND 1B - PROGRAM VERIFICATION AND PREPARATION OF SCHEMATIC DESIGN DOCUMENTS

4.3.1 Phase 1A - Program Verification: Based upon the Program drawings, preliminary budget, and Design Guidelines furnished to the Architect/Engineer by the Owner, a Service Order may be issued to the Architect/Engineer to verify the accuracy and adequacy of all available information for the Project. Such verification shall include but not be limited to the following areas:

- 4.3.1.1 Program: The Architect/Engineer shall examine the Project Book including Program Drawings furnished by the Owner and shall confirm user requirements and determine requirements for additional studies, verify the physical/spatial characteristics of the Project, the completeness of the Program, and their adherence to the Design Guidelines Manual.
- 4.3.1.2 Record Drawings: The Architect/Engineer shall examine, and verify all as-built conditions as to their completeness and accuracy as depicted on the Record Drawings furnished by the Owner.
- 4.3.1.3 Project Budget: The Architect/Engineer shall examine in detail, the estimated construction costs furnished by the Owner. Should this cost verification reveal serious discrepancies and/or deficiencies which would impact the Project and its subsequent stages of development, the Architect/Engineer shall inform the Owner in writing as to the adequacy of the funds required to complete the Project through the construction phase.
- 4.3.1.4 Utilities Investigation: The Architect/Engineer shall evaluate the utilities information provided by the Owner and determine the adequacy of existing utilities to accommodate the additional utility loads imposed by the Project Element(s), and incorporate such information into the design.
- 4.3.1.5 Surveys: The Architect/Engineer shall verify the survey information provided by the Owner, and incorporate such information into the design. The Architect/Engineer shall be responsible for obtaining any additional survey information that is required for the completion of the project and was not provided by the Owner.
- 4.3.1.6 Soils Investigations: The Architect/Engineer shall prepare a soils investigation plan for use in determining soil characteristics required for proper design of the Project Elements included herein. The plan shall show the number, spacing and depth of borings required and shall specify such other tests and investigations as may be necessary to provide information prerequisite to the Project's design. The Architect/Engineer shall specify, locate and coordinate the specific borings and tests to be performed by others and shall interpret the results for application to the Project.

- 4.3.1.7 Discrepancies Between Existing Conditions and Depicted Conditions: Any discrepancies between the actual, existing conditions and conditions depicted on drawings or other information provided by the Owner shall be noted by the Architect/Engineer. The actual, existing conditions shall then be incorporated into the Contract Documents. The Owner shall be informed, in writing, of any discrepancy between actual, and drawings.
- 4.3.1.8 Deficiencies of Information: The Architect/Engineer shall inform the Owner in writing of any deficiencies, other than discrepancies from actual, existing conditions found during verification, in the as-built conditions, utility information, survey information and/or soils investigation which are deemed necessary to provide a satisfactory basis on which to perform the Basic Services. Upon agreement of the deficiencies by the Owner, the Owner may then issue a Service Order directing the Architect/Engineer to perform the necessary investigations and develop the required additional information as Additional Services.

At its option, the Owner may direct a geotechnical engineering company, an independent engineering testing laboratory, a survey company, or other firm(s) under contract with the Owner to provide the necessary services for the Architect/Engineer. The Architect/Engineer shall be responsible for verification of the validity, interpretation, coordination, application, and use of all supplemental information, signed and sealed, provided by any such independent consultant.

- 4.3.1.9 Art in Public Places: The Architect/Engineer shall, prior to preliminary design, initiate contact and confer with the Art in Public Places Representative for review of applicability of an art component to the Project. Should Art in Public Places Department determine that the installation of an art component is applicable to this Project based on the provisions of County Code Section 2.11.15 and should it decide to pursue said installation, the Architect/Engineer shall further confer with the Art in Public Places Representative to develop a concept for art appropriate to the Project, and with the Art in Public Places Professional Advisory Committee as to the type(s) of art, location(s), and possible artist(s). The Director of Art in Public Places shall approve the final concept and location. The final choice of the artist(s) will be made by the Art in Public Places Trust, upon recommendation of the Art in Public Places Professional Advisory Committee. As part of its Master Plan, Art in Public Places encourages and will give preference to collaborative projects between the artist(s) and the Architect/Engineer to promote the integration of art work and site. Such collaborative efforts shall include the active involvement of both the Architect/Engineer and the artist(s) during Design Development of the Project. In consultation with the artist(s) and Art in Public Places, the Architect/Engineer shall make all the necessary

provisions and coordinate the development and incorporation of artwork(s) details and/or specifications in the Contract Documents for the Project. The Architect/Engineer shall coordinate the installation of necessary anchorages, special lighting, or plumbing or other utility or installation and connections as required for the proper installation of the art work in accordance with the artist's concept(s). The Architect/Engineer shall provide, without added compensation, technical support including but not limited to assisting the artist(s) in the development of preliminary and final construction cost estimates for infrastructure work necessary to support the art work to the extent that it is included in the Contract, construction procedures/approach, typical sections, profiles and details, structural support and utility connection systems (including structural anchorage details as may be required), technical specifications, submittals and shop drawing requirements (including review and approvals) for all ancillary facilities in connection with the installation of the artwork. The Architect/Engineer shall coordinate the installation of the artwork with the artist(s) and the Contractor during construction and shall assist the artist(s) and Art in Public Places in the resolution of issues pertaining to coordination. The Architect/Engineer shall inspect, along with the artist(s) and the Art in Public Places Representative, the completed installation(s) by the Contractor for compliance with the Contract Documents.

- 4.3.2 Phase 1B - Preparation of Schematic Design Documents: Upon the written confirmation from the Architect/Engineer that all elements of the Project have been identified and the Owner's cost estimates have been verified, the Owner may issue a Service Order to prepare the Schematic Design Documents.

The Architect/Engineer shall review the verified Program with the Owner's representatives, lessees (if applicable), and all agencies and other governmental authorities having permitting or other approval authority with respect to the Project. If authorized in writing by the Project Manager, Project Elements or components, as well as suggestions of such agencies or lessees (if applicable) regarding required procedures, are to be followed by the Architect/Engineer. Necessary inclusions shall be made when preparing the Design Development and the Contract Documents. Upon completion of the agencies' reviews, the Architect/Engineer shall detail in writing the recommendations of the agencies' to the Owner and shall modify the suggested plan as appropriate and resubmit it to the Owner for review, further modifications, and for approval and agreement by the Owner. As a part of this Phase, the Architect/Engineer shall prepare and submit the Phase 1B deliverables including but not limited to the following:

- 4.3.2.1 Site Plan: A site plan(s) of the Project, at a scale to be specified by the Owner, showing the Project Elements, existing facilities, and proposed projects pertinent to or interfacing with other projects and with the remainder of the Basic Services under this Agreement.

- 4.3.2.2 Schematic Design Studies: The Schematic Design studies shall consist of all plans, elevations, sections, perspectives, etc., as required to show the scale and relationship of the design concept to surrounding facilities and other Project Elements plus a narrative report, setting forth in appropriate detail, the criteria to be used in preparing the Contract Documents for the Project Elements and identifying all major equipment and systems required, including alternative items as appropriate, and Work Sequencing Schedules. Design areas and elements beneficial to attaining the required LEED certification category shall be identified and quantified.

These Schematic Design studies are preliminary in nature and scope. They shall be further defined, and amplifying details shall be developed, by the Architect/Engineer during subsequent Phases of the Basic Services.

The Owner will make a determination, based on the Schematic Design studies and narrative report, of what equipment and systems will be used. In addition, the Owner will, based on the investigations and recommendations developed by the Architect/Engineer, determine which equipment and other items the Owner will purchase outside the Contract for this Project. Should the Owner decide to purchase equipment and materials separately and furnish them to the Contractor, the Architect/Engineer shall, as part of the Basic Services, provide detailed programming and scheduling, perform follow-on liaison with vendors with respect to availability and delivery, and provide any other such Services with respect to such separately purchased and furnished equipment as would otherwise be required had said equipment not been separately purchased and furnished.

- 4.3.2.3 Drainage: The Architect/Engineer shall prepare a preliminary drainage plan showing the direction and quantities of flows to each drain. The Schematic Design narrative report shall provide drainage calculations in sufficient detail to give assurance that the Project can be used under the approved design storm conditions.

- 4.3.2.4 Barricades, Signing, Marking and Lighting: The Architect/Engineer shall prepare, as necessary, a preliminary maintenance of traffic plan, construction operations safety plan, and a security plan which show how the Work can be accomplished within operational constraints. The safety plan shall be prepared as part of the Project documents in conformance with the FAA Advisory circulars and the MDAD Airside Operations Procedures (where applicable). It shall delineate the nature, extent, and location of site access, required temporary barricading, signing, marking, and lighting for the Aircraft Operation Areas and Landside work areas for the Project. The safety plan shall also be coordinated with appropriate Owner staff.

- 4.3.2.5 Work Sequence and Staging Plan: If necessary, the Architect/Engineer shall develop and/or assist the CMAR efforts in preparing a Work Staging Plan to avoid adverse impacts on existing airport and aircraft operations and shall advise the Owner in writing of the remaining adverse impacts, if any, and estimated increase in Project costs that would result from such staging plan. The Architect/Engineer shall develop a Work Sequencing Schedule showing the sequence of the construction and the relative time frame within the overall construction period. Alternative plan(s) and associated cost(s) shall also be developed and submitted, along with an analysis by the Architect/Engineer of pertinent factors and relative merits of each plan, even if such alternative plan(s) would adversely impact airport and aircraft operations. The decision as to which plan to use will be made by the Owner, and the Architect/Engineer will be informed of such decision in writing.
- 4.3.2.6 Outline Specification: The Architect/Engineer shall prepare an outline specification which will describe the architectural and engineering requirements, earthwork, utility adjustments and relocations, bridge substructure, superstructure, drainage, foundations, mechanical, electrical, utilities, lighting, signalization, signage, markings, external finishes, painting, security systems, fire protection systems, plumbing, and other incidental and special equipment being proposed for the Project, all of which will be considerations in the cost estimate.
- 4.3.2.7 Probable Construction Cost: The Architect/Engineer shall submit a Probable Construction Cost of the Project. The Probable Construction Cost shall include the estimated costs of constructed or acquired facilities and improvements in such detail as required by the Owner including each class of equipment, operational systems, and any other direct costs that may be included in the Project by the Owner pursuant to this Agreement. No further progress payment shall be made should the Probable Construction Cost in any phase exceed the Budget, until an alternate design is provided at no additional compensation, to bring the cost within the Project Budget limitations.
- 4.3.2.8 Project LEED point estimate: The A/E shall submit the Project LEED point estimate corresponding to the Phase 1A submittal documents. The Project LEED point estimate shall be updated for each successive Phase and kept current. No further progress payment shall be made should the Project LEED point estimate in any Phase fail to meet or exceed the top three (3) points in the specified LEED certification category.
- 4.3.2.9 LEED Certification Plan: The A/E shall submit a LEED Certification Plan for the Project which shall detail the steps necessary to attain the specified LEED certification category and how each is to be implemented during design and construction of the Project. The LEED Certification Plan shall

be updated for each successive Phase and kept current. Successive submittals shall show progress level of each step and directly correspond to the design decisions of each Phase.

4.3.3 During Phase 1B the Owner may direct the Architect/Engineer, by Service Order, to combine specified portions of the Phase 1B and Phase 2 Basic Services and eliminate or change certain portions of the Services in order to provide Contract Documents more efficiently or cost-effectively. If so directed by the Owner, fees for these two Phases shall be the same as if the two Phases were performed in their entirety. The durations for the individual Phases 1B and 2 will be combined to establish the total duration for the combined phase 1B/2, which will equal the sum of the durations for the individual Phases.

4.3.4 The Architect/Engineer shall not proceed with the following Phase 2 - Design Development until appropriate written approvals and comments on the deliverables for Phase 1B and a Service Order for the Phase 2 Basic Services are received from the Owner. All comments shall be addressed, in writing, and reflected in the Phase 2 documents. The Architect/Engineer understands that such approvals, comments, and Service Order may be received individually and at different times.

4.4 PHASE 2 - DESIGN DEVELOPMENT

4.4.1 Upon receipt from the Owner of a Service Order for Phase 2 Basic Services, the Architect/Engineer shall prepare Design Development documents from the approved Schematic Design documents developed in the performance of the Phase 1B Basic Services. Phase 2 Basic Services shall produce the submittals as more fully detailed in the Professional Services Deliverables. The Design Development documents shall consist of Drawings, Outline Specifications, Work Sequencing Schedules, and other documents as may be necessary to fix and describe the size and character of the systems and components to be included in the Project. The systems, components, and associated controls shall integrate with and be of like character to those typically found in similar projects unless otherwise specifically approved by the Owner in writing. All plans and programs developed during Phase 1B for interim locations or routings, or for the staging and sequencing of Work, shall be refined and updated as applicable. Should the need for additional plans and/or programs become apparent during the course of the performance of the Phase 2 Basic Services, such additional plans and programs shall be prepared and included in the Design Development documents.

4.4.2 Unless otherwise stipulated in the Special Provisions, it is the Owner's intent to bid the Project in (3) packages. The Owner, though, reserves the right to direct that the Project be divided into as many contracts as required by operational constraints, tenant or lessees needs, adjacent project scheduling, or other reasons

as determined by the Owner. If the Owner requires the Project to be broken into more bid packages than specified herein, the additional work to accomplish this will be compensated to the Architect/Engineer as Additional Services.

- 4.4.3 The Architect/Engineer shall participate in a Value Analysis (VA), including Life Cycle Cost Analysis, lasting approximately seven (7) days. Operational Impacts of the design shall also be included in this effort. The Architect/Engineer will provide documents, make an opening presentation relative to the contents of those documents and respond to questions posed. Recommendations agreed to and required by the Owner will be incorporated by the Architect/Engineer into the Phase 2 Services.

In performing the VA, the A/E will be mindful of the required LEED certification level, and the A/E shall address the benefits and drawbacks of any proposed system, item, or element to be the basis of the LEED certification, and shall be knowledgeable of alternatives available in order to ensure the attainment of that certification.

- 4.4.4 The Architect/Engineer shall submit all documents required under Phase 2 Design Development for review and comments by the Owner. The Design Development documents submitted shall also include updates to the Phase 1B Project Probable Construction Cost. These updates shall be based upon the approved size and character of the components of the Project Elements and the incorporation of the Owner approved recommendations of the Value Analysis. If the Phase 2 Probable Construction Cost indicates that the Project cost shall be more than the approved Phase 1B Probable Construction, no further progress payment will be made until an alternate design is provided, at no additional compensation, to bring the cost within the Project Budget limitations. The Owner may direct the Architect/Engineer to modify, without additional compensation, the Design Development documents to bring the Phase 2 Probable Construction Cost within or below the approved Phase 1B Probable Construction Cost. The Architect/Engineer shall not proceed with the following Phase 3A - 30% Contract Documents until appropriate written approvals and comments on the deliverables for Phase 2 and a Service Order for the Phase 3A Basic Services are received from the Owner. All comments shall be addressed in Phase 3A. The Architect/Engineer understands that such approvals, comments, and Service Order may be received individually and at different times.

- 4.4.5 The Architect/Engineer shall prepare exhibits required to convey the intent of the design during Phase 2 presentation to the Owner for Owner's and Users' reviews. The Architect/Engineer shall resolve all comments, including a follow-up presentation(s) if required. Phase 2 Design Development drawings shall specifically note areas, systems, and/or items necessary for conformance to the required Project LEED certification category. The Project LEED points

estimate shall be updated at every submission and coordinated with the Probable Construction Cost estimate and the LEED Certification Plan. The Project LEED points estimate shall be realistic and not less than the top three (3) points specified in the certification category for the Project.

- 4.4.6 The Architect/Engineer shall also, to the extent applicable based on refinements and amplifications effected during the Design Development phase, review pertinent documents with the agencies having permitting or other approval authority with respect to the Project, including those agencies previously consulted in Phases 1A and 1B above, to obtain the reviews of such agencies. The Architect/Engineer shall report in writing the findings of such reviews with said agencies and provide recommendations for approval by the Owner relative to such findings for implementation by the Architect/Engineer in Phase 2 Basic Services.

4.5 PHASES 3A, 3B & 3C - CONTRACT DOCUMENTS

4.5.1 Phase 3A, 30% Complete Contract Documents

- 4.5.1.1 Upon receipt of a Service Order for Phase 3A Basic Services, the Architect/Engineer shall prepare the 30% Contract Documents from the approved Design Development documents developed in the performance of the Phase 2 Basic Services. Phase 3A Basic Services shall produce the submittals as more fully detailed in the Deliverables Requirements Manual.

- 4.5.1.2 The Architect/Engineer shall prepare a preliminary Storm Water Pollution Prevention Plan (SWPPP) in accordance with the National Pollution Discharge Elimination System (NPDES) storm water discharge regulations under the Clean Water Act Amendments of 1987.

The Architect/Engineer shall comply with the current "NPDES General Permits For Storm Water Discharge From Construction Sites", for storm water rules, regulations, and project eligibility, and shall prepare a SWPPP for the Project using all applicable Environmental Protection Agency (EPA) and local agency regulations.

The Architect/Engineer may refer to the MDAD SWPPP guidance manual for information on preparing an individual SWPPP for Owner approval and Contractor implementation.

- 4.5.1.3 Using the documents prepared under this Article, the Architect/Engineer shall submit for review the necessary portions of the Contract Documents to the authorities, including but not limited to, County, State, and/or Federal, having jurisdiction over the Project by law or contract with the County.

4.5.1.4 The Architect/Engineer shall submit all documents required under Phase 3A - 30% Contract Documents for review and comments by the Owner. The 30% Contract Documents submittal shall apply to all applicable disciplines including, but not limited to, architectural, structural, mechanical/HVAC/plumbing/fire protection, electrical, and civil. The 30% Contract Documents submittal shall include the current CSI Divisions. The 30% Contract Documents submitted shall also include updates to the Phase 2 Project Probable Construction Cost. These updates shall be based upon the approved size and character of the components of the Project Elements as developed in the approved Phase 2 Design Development. If the Phase 3A Probable Construction Cost is higher than the Phase 2 Probable Construction Cost, no further progress payment will be made until the Architect/Engineer provides an alternate design. The Owner may direct the Architect/Engineer to modify, without additional compensation, the 30% Contract Documents to bring the Phase 3A Probable Construction Cost within or below the approved Phase 2 Probable Construction Cost. The Architect/Engineer shall not proceed with the following Phase 3B - 75% Contract Documents until appropriate written approvals and comments on the deliverables for Phase 3A and a Service Order for Phase 3B Basic Services are received from the Owner. All comments shall be addressed in Phase 3B. The Architect/Engineer understands that such approvals, comments, and Service Order may be received individually and at different times. For LEED certified projects, the Architect/Engineer shall prepare and include drawings and specifications of each discipline identifying the specific elements that will qualify for LEED points, as well as the LEED point estimate. Specific areas, items, and elements that contribute to the Owner-required LEED category shall be listed, keyed, or otherwise highlighted for review purposes.

4.5.1.5 The Architect/Engineer shall, to the extent applicable based on refinements and amplifications effected during this Phase, review pertinent documents with those agencies having permitting or other approval authority with respect to the Project, including agencies previously consulted by the Architect/Engineer in Phases 1A, 1B and 2, in order to obtain changes in the opinions, comments, and suggestions of those agencies with respect to such refinement and amplifications. The Architect/Engineer shall report in writing to the Owner, for approval by the Owner, the findings of such reviews with said agencies and its recommendations relative to such findings for implementation by the Architect/Engineer in Basic Services Phase 3B.

4.5.2 Phase 3B, 75% Complete Contract Documents

- 4.5.2.1 Upon receipt of a Service Order for Basic Services Phase 3B, the Architect/Engineer shall prepare the 75% Contract Documents from the approved 30% Contract Documents developed in the performance of the Phase 3A Basic Services. Phase 3B Basic Services shall produce the submittals as more fully detailed in the Deliverables Requirements Manual.
- 4.5.2.2 Using the documents prepared under this Article, the Architect/Engineer shall submit for review the necessary portions of the Contract Documents to the authorities including, but not limited to, County, State, and/or Federal, having jurisdiction over the Project by law or contract with the County. Said documents shall be sufficient to be permitted as applicable by such authorities. The Architect/Engineer shall assist the Owner in coordinating with the Building Department to facilitate permit approval prior to approval by the Owner of the 100% complete Review Set and printing of the Contract Documents.
- 4.5.2.3 The Architect/Engineer shall develop a coordinated plan of execution for this Phase, which will include an outline, or index, of the contents of the Contract Documents along with a schedule(s) for completion.
- 4.5.2.4 The Architect/Engineer shall prepare Plans in a manner that will ensure clarity of line work, notes and dimensions when reduced to 50 percent of the original size. After acceptance by the Owner, the Plans shall become part of the Contract Documents. The Technical Specifications shall provide that a system of quality control and quality assurance be a requirement of the work. The quality control and quality assurance system shall provide the procedures to be used by the Contractor and the Architect/Engineer to assure that the quality of all materials, equipment systems, and furnishings function as intended and are equal to or better than called for in the specifications.
- 4.5.2.5 The Architect/Engineer shall submit all documents required under Phase 3B - 75% Contract Documents for review and comments by the Owner. The 75% Contract Documents submittal shall apply to all applicable disciplines including, but not limited to, architectural, structural, mechanical/HVAC/plumbing/fire protection, electrical, and civil. The 75% Contract Documents submittal shall include the current CSI Divisions. The 75% Contract Documents submitted shall also include updates to the Phase 3A Project Probable Construction Cost. These updates shall be based upon the approved size and character of the components of the Project Elements as developed in the approved Phase 3A - 30% Contract Documents. If the Phase 3B Probable Construction

Cost indicates that the Project cost shall be more than the approved Phase 3A Probable Construction Cost, the Architect/Engineer shall provide an alternate design, without additional compensation and without changing the scope of the Project, to bring the Phase 3B Probable Construction Cost within or below the approved Phase 3A Probable Construction Cost. For LEED certified projects, the Architect/Engineer shall prepare and include drawings of each discipline identifying the specific elements that will qualify for LEED points. Specific areas, items, and elements that contribute to the Owner-required LEED level shall be listed, keyed, or otherwise highlighted for review purposes.

4.5.2.6 The Architect/Engineer shall participate in an abbreviated (two to three days) follow up VA/Life Cycle study/critique/constructability after submission of 75% Construction Documents. Participation shall be as necessary to assure that the Owner approved recommendations from the Phase 2 VA have been incorporated and that any additional recommendations from this Phase 3B VA are fully understood and will be incorporated into the Contract Documents.

4.5.2.7 After review by the Owner, the Architect/Engineer shall resolve all questions and have all revisions made to its documents as required by the Owner. The Architect/Engineer shall prepare a 75% complete Review Set and assist the CMAR in the development of a consolidated cost and schedule breakdown by construction trade that will permit the Miami-Dade County Department of Business Development to readily develop contract measures in the bidding documents. The Architect/Engineer shall not proceed with the following Phase 3C - 100% Contract Documents until appropriate written approvals and comments on the deliverables for Phase 3B and a Service Order for Phase 3C Basic Services are received from the Owner. All comments shall be addressed in Phase 3C. The Architect/Engineer understands that such approvals, comments, and Service Order may be received individually and at different times.

4.5.3 Phase 3C, 100% Complete Contract Documents

4.5.3.1 Upon receipt of a Service Order for Phase 3C, the Architect/Engineer shall proceed with Basic Services Phase 3C - 100% Contract Documents. The Architect/Engineer shall prepare the 100% Contract Documents from the approved 75% Contract Documents developed in the performance of the Phase 3B Basic Services. Phase 3C Basic Services shall produce the submittals as more fully detailed in the Deliverables Requirements Manual.

1. The Architect/Engineer shall submit all documents required under Phase 3C - 100% Contract Documents for review and comments by the Owner. The 100% Contract Documents submittal shall apply to all applicable disciplines including, but not limited to, Baggage Handling System, architectural, structural, mechanical/HVAC/plumbing/fire protection, electrical, and civil. The 100% Contract Documents submittal shall include the current CSI Divisions and MDAD Division 0. The 100% Contract Documents submitted shall also include updates to the Phase 3B Project Probable Construction Cost. These updates shall be based upon the approved size and character of the components of the Project Elements as developed in the approved Phase 3B - 75% Contract Documents. If the Phase 3C Probable Construction Cost indicates that the Project cost shall be more than the approved Phase 3B Probable Construction Cost, no further progress payment will be made until the Architect/Engineer provides an alternate design the Architect/Engineer shall, without additional compensation and without changing the scope of the Project, provide an alternate design to bring the Phase 3C Probable Construction Cost within or below the approved Phase 3B Probable Construction Cost. The Owner may direct the Architect/Engineer to modify, without additional compensation, the 100% Contract Documents to bring the Phase 3C Probable Construction Cost within or below the approved Phase 3B Probable Construction Cost. The Architect/Engineer shall not proceed with the following Phase 3D Bid Documents until appropriate written approvals and comments on the deliverables for Phase 3C and a Service Order for Phase 3D Basic Services are received from the Owner. All comments shall be addressed in Phase 3D. The Architect/Engineer understands that such approvals, comments and Service Order may be received individually and at different times. For LEED certified projects, the Architect/Engineer shall prepare and include drawings of each discipline identifying the specific elements for LEED points that are required by the technical specifications to meet the necessary criteria. The Project LEED points estimate shall be updated to reflect the Project's Phase 3B refinements to meet or exceed the top three (3) points in the specified LEED certification category.

4.6 PHASE 3D, BID DOCUMENTS

- 4.6.1 After review by the Owner of the 100% Contract Documents, the Architect/Engineer shall respond to all comments in writing within seven (7) calendar days after receipt of the comments from the Owner, acknowledging acceptance of the comments(s) which will be incorporated into the documents during Phase 3D, and identifying the rejection of those comments not to be incorporated as approved by the Owner.
 - 4.6.1.1 The Architect/Engineer shall assemble and submit a consolidated set of 100% Contract Documents for back-check by the Owner for each of the bid packages. This set will reflect the revisions required after the 100% review by the Owner.
 - 4.6.1.2 The Architect/Engineer shall assist the CMAR in preparing the the overall Project Contract Time, Phasing, Interim Completion Time(s), the amounts of liquidated damages, liquidated indirect costs, and the amount of Allowance Account(s) to be incorporated in the Contract Documents.
- 4.6.2 Upon final approval of the back-checked Phase 3C - 100% Contract Documents by the Owner and the receipt of a Service Order, the Architect/Engineer shall assist in the CMAR in the preparation of the Advertisements for Bids, the Bid Forms, and finalize the Contract Documents to a condition suitable for final printing and distribution to prospective bidders. These 100% complete Contract Documents shall be submitted to the Owner for approval.
- 4.6.3 Project registration with GBCI for certification shall be undertaken or updated, as appropriate.

4.7 PHASE 4 - BIDDING AND AWARD OF CONTRACT

- 4.7.1 Upon approval of the 100% complete Contract Documents and the issuance of a Service Order by the Owner for the Phase 4 Basic Services, the Architect/Engineer shall furnish the number of bound sets of the 100% complete Contract Documents (Plans and Project Manuals) as specified in the Service Order for bidding purposes, prior to advertising, or as may otherwise be directed by the Owner by the Service Order. The Architect/Engineer shall assist the CMAR in obtaining bids, responding in writing to Bidders' inquiries, preparation and issuance of addenda, evaluation of the Bids and Bidders, and the awarding of a Contract(s) for all or a portion of the Work that was bid pursuant to the Contract Documents. The Architect/Engineer shall also participate in pre-bid conference(s) and attend the Bid opening.

- 4.7.2 The Architect/Engineer shall, if necessary, assist the CMAR in the distribution of the Contract Documents to prospective Bidders and to other agencies as required by the Owner or the CMAR, in accordance with current Owner and or CMAR bidding procedures, as such procedures may be amended from time to time. Delivery cost to Bidders shall be paid by the Bidders.
- 4.7.3 The Architect/Engineer shall, with prior approval and authorization by the Owner, develop, print, and distribute addenda and responses to bidder's inquiries.
- 4.7.4 The Architect/Engineer shall: prepare a minimum of six (6) sets of Contract Documents in hardcopy format, and four (4) sets in a commercially available software, editable electronic format (CD's, DVD's), conformed with Addenda (if any) pasted or included therein for use by the Owner; prepare a tabulation of bids received; analyze the bids; and make an initial recommendation of award. The award of the Contract will be at the sole discretion of the Owner. Such action by the Owner shall not relieve the Architect/Engineer from any responsibility under this Agreement.
- 4.7.5 If the lowest qualified, responsive and responsible bid received exceeds the approved Phase 3C Probable Construction Cost, the Owner may at its discretion:
1. Approve the increase of the cost of the Work that was bid pursuant to the Contract Documents; or
 2. Direct the Architect/Engineer to revise the Contract Documents, without changing the scope of the Project, and re-bid the Work included in the revised Contract Documents (in which case the Architect/Engineer shall again perform the work specified herein before, at no additional compensation, except for the reimbursement of the cost of printing of Contract Documents); or
 3. Suspend or abandon the Project or any components of the Work included in the Contract Documents.
- 4.7.6 Upon award of the Contract by the CMAR and notification from Owner or the CMAR to the Architect/Engineer that the Contract be executed, the Architect/Engineer shall assist, if necessary, the CMAR to assemble and prepare, six (6) sets of the bidding and Contract Documents, complete with all addenda, forms, and affidavits required by the Contract Documents.

4.8 PHASE 5 - WORK RELATED SERVICES

- 4.8.1 Upon receipt of a Service Order for Phase 5 Work-Related Services, the Architect/Engineer shall provide the Services as set forth herein. The Work-Related Services will begin upon receipt of a Service Order. The Work-Related Services will end when the final request for payment from the Contractor has been approved by the Owner, the Architect/Engineer has submitted its Report of Contract Completion, and the Record Drawings (As-Built Drawings) and has completed all other Services required, including the warranty related services.
- 4.8.2 The Architect/Engineer shall provide the Owner a staffing plan including individual resumes that the Architect/Engineer, including Sub-Consultant(s), intends to use during the Work Related Services for review by the Owner for adequate staffing.
- 4.8.3 The Architect/Engineer shall submit or otherwise affirm that it has submitted all necessary and requested data to GBCI for the attainment of the LEED certification category requested by the Owner.
- 4.8.4 The Architect/Engineer shall review and provide comments on the overall progress schedule, schedule of shop drawings submissions, schedule of values, and other schedules required of the Contractor under the Contract Documents. The Architect/Engineer shall visit the Work at least once per week, evaluate the work for compliance with the Contract Documents, prepare and submit to the Owner, via the Project Manager with copies to the Field Representative, a detailed written and sequentially-numbered report of the observed conditions of the Work, the progress of the Work, and other Work observations, as found or made during each visit to the Work. Such report shall be submitted to the Owner at least monthly and more frequently on an interim basis if necessary to prevent or mitigate any increase in Project costs or damages to the Owner. The Architect/Engineer will not be held responsible for the means, method, techniques, sequences or procedures used, or for safety precautions and programs, in connection with the Work performed by the Contractor, but shall immediately report to the Owner any observations of conditions which in his judgment would endanger persons or property or which might result in liabilities to the Owner. The A/E shall see LEED application through until project close-out (response from (GBCI) revisions may be required from GBCI.
- 4.8.5 Appropriately qualified personnel of the Architect/Engineer, including Sub-consultant(s) if appropriate, shall visit the Work at least once per week, unless otherwise specified in the Special Provisions of this Agreement, and as necessary to fulfill the responsibilities of the Architect/Engineer hereunder and in order to respond to non-routine situations that call for the Architect/Engineer's expertise and /or approval in an expeditious manner. Such personnel shall coordinate with the Field Representative work-site personnel.

- 4.8.6 Based on observation and measurement of the Work satisfactorily completed and upon the request for payment from Contractor, the Architect/Engineer shall review the amount requested by the Contractor on account, indicating, as applicable, the amounts which are available from Federal/State funding, and shall concur with the request for payment, in such amount. The Architect/Engineer's concurrence shall constitute a representation to the Project Manager and the Owner that the Work has progressed to the point indicated; that to the best of the knowledge, information and belief of the Architect/Engineer, the quality of the Work is in accordance with the Contract Documents. Such concurrence shall be based on the Architect/Engineer's review and acceptance of the following:
1. An evaluation of the Work for conformance with the Contract Documents;
 2. The Field Representative's concurrence of the Contractor's measurements for work satisfactorily completed;
 3. The results of any subsequent test required by the Contract Documents;
 4. The review of the as-built drawings to determine completeness and accuracy up to the date of the pay request;
 5. Any specific qualifications stated in the request for payment; and
 6. The Field Representative's confirmation of the cost of labor, materials, and equipment for cost-plus work including disputed work.
 7. A/E to review and accept the Schedule of Values (SOV).
 8. Compliance with all LEED required activities. The review of the Contractor's LEED Certification Plan for compliance regarding inventory and receipt of action documentation including, but not limited to, construction waste management, use of reduced impact materials, temporary storage of recyclables and discarded items, refrigerants, etc., necessary to attain maximum possible LEED certification points, up to the date of the pay request.
- 4.8.7 If requested, the Architect/Engineer shall assist the Project Manager, the Field Representative, and other consultants in reviewing and evaluating all Contractor's claims relating to the cost, execution, and progress of the Work and on all other matters or questions related thereto.
- 4.8.8 The Architect/Engineer shall have authority to require special inspection or testing of any Work questioned as to conformity with the Contract Documents whether or not such Work has been fabricated and delivered to the Project, or installed and completed.

- 4.8.9 The Architect/Engineer shall, where necessary or when requested by the Owner, provide general consultation and advice, interpret the Plans Specifications, and other such Contract Documents and in order to clarify the intent of the Architect/Engineer with respect to the contents of the Contract Documents.
- 4.8.10 The Architect/Engineer shall be required to promptly review and approve shop drawings, samples, and other submissions of the Contractor(s) within five (5) business days of receipt from the Contractor for conformance with the design concept of the Project Element(s) and for compliance with the information given in the Contract Documents. The Architect/Engineer shall render decisions, issue interpretations, and issue correction orders within the times specified in the Contract Documents or, absent such specification, on such timely basis so as not to delay the progress of Work as depicted in the approved construction schedule.

Should the Architect/Engineer fail to perform these services within the time frames specified in the Contract Documents or, if no time frames are specified, in a mutually agreed time frame between the Owner and the A/E, so that such failure causes a delay in the progress of the Work, the Architect/Engineer shall be liable for any damages to the Owner resulting from such delay including, but not limited to, damages related to delays and inefficiencies incurred by the Contractor for which the Owner may be responsible.

- 4.8.11 The Architect/Engineer shall revise Plans, specifications and other Contract Documents as necessary, shall review Change Orders, Work Orders, Bulletins, and other appropriate documentation prepared by the Field Representative, and shall if requested assist the Project Manager and Owner in negotiations with the Contractor(s) with respect to all changes in the Work. Such work shall be Additional Services, provided, however, that if the need to revise Plans, specifications and other Contract Documents and/or to review Change Orders, Work Orders, Bulletins, and other documentation is a result directly or indirectly of errors, omissions, and/or ambiguities in the Services rendered by the Architect/Engineer, including Sub-consultants, then such work shall be provided by the Architect/Engineer at no additional cost to the Owner.

- 4.8.12 The Architect/Engineer's Services for Substantial Completion shall include, but not be limited to, the following:

- 4.8.12.1 Inspections for Substantial Completion for all or a portion of the Work: The Architect/Engineer shall, prior to Substantial Completion of the Work, inspect the Work with the Field Representative, to determine initial Punch List items and to ensure that the Baggage Handling System and all mechanical/electrical/plumbing systems have been commissioned in accordance with the requirements of the Contract Documents

and the PGDS V 4.2. The Architect/Engineer shall re-inspect the work with the Field Representative as many times thereafter as is needed to establish a time of Substantial Completion. The Architect/Engineer shall review each edition of the Punch List before it is issued by the Field Representative. Each edition of the Punch List will be distributed by the Field Representative after review by the Architect/Engineer. Any User contributions to the Punch List shall be only as approved by Owner. Punch Lists shall record:

1. Defects observed in the Work and incomplete commissioning in first and succeeding visits;
2. Defects corrected (recorded by striking items from the punch list or by identifying items as corrected).

4.8.12.2 Contractor's Closeout Submittals and Actions: The Architect/Engineer shall review the Field Representative's record of closeout submittals and actions for concurrence.

4.8.12.3 Determination of Substantial Completion: When the Punch List of defective items has been reduced to the point at which, in the judgment of the Architect/Engineer and Field Representative, the Work can be immediately utilized for its intended purpose, division of responsibility for carryover items from the Contractor to the Owner has been set forth, and all Punch List items are judged to be capable of completion in not more than sixty (60) days or such other time as may otherwise be approved by the Owner, upon recommendation by the Field Representative, the Architect/Engineer shall review, concur, and upon approval by the Owner, set the date of Substantial Completion.

4.8.12.4 Certificate of Occupancy: If a Certificate of Occupancy is required on this project, the Architect/Engineer and Field Representative shall not certify the Work as substantially complete until a Certificate of Occupancy has been issued in accordance with the Florida Building Code.

4.8.12.5 TSA Required Testing, as defined in the PGDS V 4.2, includes, but is not limited to the following:

- A. Pre-TRR
- B. TRR
- C. Pre-ISAT
- D. Post-ISAT
- E. Post-Operational Run-In

4.8.12.6 Determination That the Work Is Not Substantially Complete: If the required submittals and actions by the Contractor are deficient, or if in the judgment of the Field Representative and/or the Architect/Engineer the Work will not be ready for final acceptance within the time parameters specified herein, the Architect/Engineer shall notify the Project Manager, the Field Representative and the Contractor in writing that Substantial Completion cannot be declared, and include a list of deficient Contractor's submittals, deficient Contractor's actions, defective or incomplete items in the Work, and any other supporting reasons the Field Representative and/or the Architect/Engineer may wish to state.

4.8.12.7 Retainage for Uncompleted Work: The Architect/Engineer shall review and concur with the Field Representative's recommendation of an amount that will ensure that the Owner can employ other contractors to complete each item of work in the event of the Contractor's failure to complete. Upon approval by the Owner, this retainage for uncompleted work shall be deducted from the retainage amount otherwise due the Contractor at the time of Substantial Completion. Retainage for uncompleted work will not be paid until the Contractor completes all uncompleted items.

4.8.13 The Architect/Engineer's Services for Final Acceptance shall include, but not be limited to, the following:

Final Acceptance: When, in the judgment of the Field Representative and the Architect/Engineer the Work is complete, the date of Final Acceptance shall be set by the Owner.

4.8.13.1 The Architect/Engineer shall furnish to the Owner at the Architect/Engineer's expense a final, complete, and fully updated record set of documents. The record drawings shall be submitted in the following formats:

A. Two (2) sets of 30" x 42" Electrostatic black line prints; and

B. Two (2) sets of electronic drawings:

Based on submission date the .DWG version must be within two years of the AutoCad version currently being shipped. Any of the following transmission methods are acceptable: CD, DVD, or external hard drive.

In compliance with the MDAD Technical Support Facility Management Layering System requirements in DWG compiled format, not X-REF. Please refer to the MDAD CAD Standards Guidelines (MDAD Design

Guidelines Manual available through the MDAD Project Manager).

Building Information Modeling (BIM) – A/E shall employ the use of BIM technology utilizing Autodesk Revit software.

The record drawings shall be presented to the Project Manager for transmittal of one copy of each format, through the Commissioning Team, to the designated representatives of the MDAD Division of Technical Support.

- 4.8.13.2 The complete set of Record Drawings shall include all pertinent shop drawings as well as the Plans included in the Contract Documents as adjusted to comply with the as-built Work. The Architect/Engineer shall verify that all Record Drawings prepared by the Contractor are prepared in a manner that will ensure clarity of line work, notes, and dimensions. The Architect/Engineer shall provide a certification of the quality of all equipment and systems that are a part of the finished work.

The Architect/Engineer shall furnish to the Owner in an electronic data base (Microsoft Excel 2007 or higher) an index, summary, and copies of all warranty documents required to be furnished by the Contractor under the consolidated Contract Documents. The Field Representative and Contractor will be responsible for providing an index and summary list of the equipment by serial number and indicate for each the warranties, the term, conditions, and the purported legal enforcement and recourse rights of the Owner as indicated by the language in the Warranty. This list shall be reviewed by the Architect/Engineer.

- 4.8.1.1 The Architect/Engineer shall inspect the entire Project thirty (30) days prior to the expiration of the warranties. The Architect/Engineer shall report its findings to the Owner sufficiently prior to the end of the warranty period to enable the Owner to issue an action report to the Contractor prior to the expiration of the warranty period. The Architect/Engineer's report shall be complete with specific recommendations covering any portion of the Work to be repaired or replaced.
- 4.8.1.2 In addition to the requirements set forth above, the Architect/Engineer shall perform those duties of the Architect/Engineer as set forth in the Contract Documents.

- 4.8.14 LEED Certification Documents: The A/E shall remain involved in the LEED application effort until certifying body issues its rating. The format of the documentation shall be as required by the certifying body, and shall encompass such necessary design, material selection process, Plans and details Contractor's purchasing criteria, proof of purchase locations, site practice requirements and implementation documentation, and list(s) of qualifying elements. This material shall be organized, reviewed, and approved by the A/E as adequate in form and substance for submittal to the certifying body. The A/E shall also make the application to the certifying body for certification, for review and submittal to the certifying body.

4.9. MEETINGS AND REPORTS

- 4.9.1. Meetings: As part of providing the Basic Services, the Architect/Engineer shall attend all meetings wherein information relating to the Basic Services is discussed, and shall provide consultation to the Owner regarding such information. These meetings shall include, but shall not necessarily be limited to, TSA Meetings as defined in the PGDS V. 4.2 including ILDT meetings; other regularly scheduled monthly meetings concerning design coordination, and such other meetings, whether regularly scheduled or specially called, as may be necessary to enable the Architect/Engineer to coordinate his Services with, and provide information to and/or obtain information from, the Owner, its consultants and contractors, and all others with whom coordination or liaison must take place in order to fulfill the intent and purposes of this Agreement and the Contract Documents. Unless otherwise directed by the Owner, the Architect/Engineer shall prepare and disseminate in a timely manner meeting notices and agenda, briefing materials, meeting minutes, meeting reports, etc., appropriate to such meetings.
- 4.9.2. Reports: In addition to any specific reports called for elsewhere in this Agreement, the Architect/Engineer shall submit to the Owner a monthly progress report of the status and/or results of all Services required to be performed under this Agreement. This Report shall be submitted with the invoice for Services performed during the corresponding period as well as any and all reports as defined in the PGDS V. 4.2. Each report shall include but not be limited to: a brief narrative the progress made during the previous month and the estimated incremental and total percentages of each assigned Project Element which have been completed; any problem(s) encountered during the month and any actions taken to solve or alleviate the problem(s); any changes which may have occurred in the projected dates of the events; a statement from the Architect/Engineer as to each Project Element that the Project is either on schedule or the Project Element is not on schedule and should the latter be stated, then the Architect/Engineer shall also state the length of delay and the reasons for the delay. The Architect/Engineer shall explicitly state recommendations for alleviating the delay and in subsequent monthly progress reports state whether or not the delay has

been alleviated. Such report shall also relate the aggregate services performed to the total compensation paid and payable to the Architect/Engineer hereunder for each Phase of the Basic Service as set forth in the corresponding invoice for payment.

4.9.2.1 Status of Project LEED elements and requisite documentation shall be stated, along with recommendations to correct noted problems or deficiencies.

4.9.3. Partnering: the Owner has committed itself to the practice of partnering, a team commitment to create an environment in which design and construction differences are dealt openly, with members of the design and construction team taking responsibility for timely and cost-conscious performance. The process will start with key participants of the Project team, including Architect/Engineer's personnel, attending a Partnering Meeting to establish terms of the partnering agreement. The meeting will enable the Project team to establish methods of issue/conflict resolution, delegate authority for decision making to the lowest possible level, and develop a continuous evaluation process. Follow-up meetings with the facilitator will be held as necessary during the construction to spur the Project's on-schedule completion.

ARTICLE 5

ADDITIONAL AND WORK-SITE SERVICES

- 5.1 AUTHORIZATION: Any Services beyond the requirements for Basic Services shall be performed by the Architect/Engineer upon receipt of a Service Order issued by the Owner. The Owner reserves the right to have any or all of the Services listed below performed by consultants other than the Architect/Engineer. The Architect/Engineer shall have no claim to any of these Services except as authorized by the Owner with a Service Order.
- 5.2 ADDITIONAL SERVICES: Additional Services listed below are beyond the requirements for Basic Services under this Agreement and shall be performed upon receipt of a Service Order.
- 5.2.1 Special analyses of the needs of the Owner related to financial feasibility, or other special studies not otherwise necessary for the satisfactory performance of the Basic Services.
- 5.2.2 Incorporation of any User recommendations, as approved by the Owner, into drawings subsequent to Phase 2.
- 5.2.3 Any Services after Owner's acceptance of Phase 2 documents by the Owner relative to future facilities, systems, and equipment but not intended to be included in the Contract Documents.
- 5.2.4 Services with respect to verification of Owner-supplied information that cannot be made visually or by careful review of the available information, but which requires extraordinary investigation, such as excavation, demolition or removal, as well as investigations and the development of additional information, as agreed to by the Owner, required as a result of deficiencies in the as-built conditions, utility information, survey information and/or soils investigation which are deemed necessary to provide a satisfactory basis on which to perform the Basic Services.

If any independent engineering, testing laboratory or surveyor is employed by the Architect/Engineer to perform any or all of the requested additional services, the Architect/Engineer shall obtain the Owner's approval of the use of and the fees for such independent engineering, testing laboratory or surveyor prior to commencing such work. Verification of the work performed by such Sub-consultant(s) and the cost associated therewith shall be the sole responsibility of the Architect/Engineer and not compensable by the Owner.

- 5.2.5 Extra work required, as directed by the Owner, to break the Project into more bidding packages than specified herein, including making studies and advising the Owner of the number and type of construction contracts, taking into consideration phasing and coordination of work with the Contractors, cost impact, and the requirements and needs of the Owner and Users (if applicable).
- 5.2.6 Meetings with federal and/or state grant providing agencies required to assist the Owner in obtaining grant funding for the Project.
- 5.2.7 Extended assistance requested in writing by the Owner for the preparation of operating and maintenance manuals, other than those provided by the Contractor, subcontractors, or manufacturer, in accordance with the Contract Documents.
- 5.2.8 Consultation concerning replacement of any work damaged by fire or other disaster during construction, and professional services in connection with replacement of such work.
- 5.2.9 Preparing to serve or serving as an expert witness at the request and on behalf of the Owner, in connection with the Project or any Project Element or component thereof, except in situations where such service is a result of the Architect/Engineer's errors, omissions, or ambiguities.
- 5.2.10 Professional services required after acceptance of the Work by the Owner except as otherwise required under Basic Services.
- 5.2.11 Professional services made necessary by the default of the Contractor or by major defects in work performed under the construction Contract that have not resulted from errors, omissions, or ambiguities of the Architect/Engineer.
- 5.2.12 Environmental services beyond that which is required to verify Owner-supplied information or that is beyond the scope of the Basic Services herein.
- 5.2.13 Environmental Remediation engineering services. These services will be negotiated, authorized, and paid as Additional Services; however, the incorporation of standard details and/or technical specifications provided by the Owner into the Contract Documents does not constitute Additional Services.
- 5.2.14 Services required to participate in, or otherwise assist the Owner during bid protests or negotiations with the bidder(s) after bid opening but before the award of the Contract with the Contractor, if required

5.2.15 Preparation of reports, which are not a requirement of Basic Services, and participation in meetings during construction, should the Owner elect not to take the option for Work-Site Services; provided, however, that such meetings and reports are not a result, directly or indirectly, of errors, omissions, and/or ambiguities in the services rendered by the Architect/Engineer, including Sub-consultants engaged by the Architect/Engineer.

5.3 WORK-SITE SERVICES

At the sole option of the Owner and after receipt of a Service Order specifically authorizing such Services, the A/E shall provide Work-Site Services as set forth herein. In discharging such Services, the Architect/Engineer shall provide an on-site resident Field Representative(s) approved by the Owner who shall act as the agent of the Architect/Engineer. The Work-Site Services shall be defined by Service Order, performed in accordance with the MDAD Construction Inspection Services Manual, and agreed to by the Architect/Engineer and the Owner.

The Architect/Engineer shall fulfill all other requirements and duties, not a part of the Basic Services, imposed on the Architect/Engineer by the Contract Documents or through Service Order by direction of the Owner.

Should the Architect/Engineer fail to perform these Work-Site Services in a timely manner and cause a delay in the progress of the Work, the Architect/Engineer shall be responsible for any resulting damages to the Owner.

ARTICLE 6

REIMBURSABLE EXPENSES

The following activities and entities may be considered as Reimbursable Expenses under this Agreement. Any Reimbursable Expenses shall be approved by the Owner in advance and authorized by a Service Order.

- 6.1 Sub-consultants not included as part of the original Consultants team, when recommended by the Architect/Engineer, and approved by the Owner in writing, and when in the opinion of the Architect/Engineer, said Sub-consultant services are necessary of the accomplishment of the Services.
- 6.2 In the event the Architect/Engineer is assigned a project within the Customs area and the Architect/Engineer is required to obtain an Airport Customs Security Bond, the Department shall reimburse the Architect/Engineer the cost of the premium for such bond, as substantiated by the invoice.
- 6.3 All printing and reproduction costs, in excess of that required under Basic Services. Such costs will be reimbursed at the same rate paid by the Owner to its vendors. Printing costs for internal coordination, reviews, and other in-house uses will not be reimbursed.
- 6.4 Living and traveling expenses of employees and principals, when away from Miami-Dade County on business in conjunction with authorized Additional Services, as limited by Miami-Dade County Administrative Order No. 6-1, "Travel on County Business" and County Resolution No. R-1345-03. For purpose of this Agreement, all personnel are assumed to be residents of Miami-Dade County and all travel would originate in Miami-Dade County. Records must include employee name, dates, points of travel, mileage rate, lodging, and meals.
- 6.5 Fees paid to the certifying body for LEED project registration and certification will be reimbursed at the Green Building Certification Institute (GBCI) member rates. All LEED expedited project reviews will be approved in advance by the Owner.
- 6.6 Building Information Modeling (BIM) software license fees (if applicable) for license obtained under the Owner's name will be reimbursed.

ARTICLE 7

EQUAL EMPLOYMENT OPPORTUNITY AND AFFIRMATIVE ACTION

- 7.1 **EQUAL EMPLOYMENT OPPORTUNITY:** The Architect/Engineer shall not discriminate against any employee or applicant for employment because of race, color, national origin, religion, ancestry, sex, pregnancy, age, disability, marital status, familial status, sexual orientation, gender identity or gender expression or status as victim of domestic violence, dating violence or stalking, nor in accordance with the Americans with Disabilities Act, discriminate against any otherwise qualified employees or applicants for employment with disabilities who can perform the essential functions of the job with or without reasonable accommodation. The Architect/Engineer shall take affirmative actions to ensure that applicants are employed and that employees are treated during their employment without regard to race, color, national origin, religion, ancestry, sex, pregnancy, age, disability, marital status, familial status, sexual orientation, gender identity or gender expression or status as victim of domestic violence, dating violence or stalking. Such actions include, but are not limited to, the following: Employment, upgrading, transfer or demotion, recruitment, recruitment advertising, layoff or termination, rates of pay or other forms of compensation, and selection for training including apprenticeship.

The Architect/Engineer agrees to post in conspicuous places, available to employees and applicants for employment, notices provided by the County setting forth the provisions of this Equal Employment Opportunity clause. The Architect/Engineer shall comply with all applicable provisions of the Civil Rights Act of 1964, Executive Order 11246 of September 24, 1965, as amended by Executive order 11375, revised Order No. 4 of December 1, 1971, as amended, and the Americans with Disabilities Act. The Age Discrimination in Employment Act effective June 12, 1968, the rules, regulations and relevant orders of the Secretary of Labor, Florida Statutes 112.041, 112.042, 112.043 and Miami-Dade County Code Section 11A1 through 13A1, Articles 3 and 4.

The Architect/Engineer shall assign responsibility to one of its officials to develop procedures that will ensure that the policies of Equal Employment Opportunity and Affirmative Action are understood and implemented.

- 7.2 **NONDISCRIMINATORY ACCESS TO PREMISES:** The Architect/Engineer, for itself, its personal representatives, successors in interest, and assigns, as part of the consideration hereof, does hereby covenant and agree as a covenant that: (1) no person on the grounds of race, color, national origin, religion, ancestry, sex, pregnancy, age, disability, marital status, familial status, sexual orientation, gender identity or gender expression or status as victim of domestic violence, dating violence or stalking does hereby covenant and agree as a covenant that: (1) no person on the grounds of age, race, color, sex, national origin or ancestry shall be excluded from participation in, denied the benefits of, or be otherwise subjected to discrimination in the use of the premises; including the construction of any improvements, or services provided the Architect/Engineer; (2) that the Architect/Engineer shall use the Airport in compliance with all other requirements imposed by or pursuant to Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21,

Nondiscrimination in Federally-assisted programs of the Department of Transportation-Effectuation of Title VI of the Civil Rights Act of 1964, and as said Regulations may be amended; (3) the Architect/Engineer shall use the premises in compliance with all other requirements imposed by or pursuant to the enforceable regulations of the Department of Transportation as amended from time to time; and (4) the Architect/Engineer shall obligate their sub-consultants to the same nondiscrimination requirements imposed on the Architect/Engineer and assure said requirements are included in those sub-agreements.

- 7.3 BREACH OF NONDISCRIMINATION COVENANTS: In the event it has been determined that the Architect/Engineer has breached any enforceable nondiscrimination covenants contained in Section 7.1 Equal Employment Opportunity and Section 7.2 Nondiscriminatory Access to Premises above, pursuant to the complaint procedures contained in the applicable Federal regulations, and the Architect/Engineer fails to comply with the sanctions and/or remedies which have been prescribed, the County shall have the right to terminate this Agreement pursuant to the Termination of Agreement section hereof.
- 7.4 NONDISCRIMINATION: During the performance of this Agreement, the Architect/Engineer agrees as follows: The Architect/Engineer shall, in all solicitations or advertisements for employees placed by or on behalf of the Architect/Engineer, state that all qualified applicants will receive consideration for employment without regard to race, color, national origin, religion, ancestry, sex, pregnancy, age, disability, marital status, familial status, sexual orientation, gender identity or gender expression or status as victim of domestic violence, dating violence or stalking. The Architect/Engineer shall furnish all information and reports required by Executive order 11246 of September 24, 1965, as amended by Executive order 11375 and by rules, regulations, and orders of the Secretary of labor, or pursuant thereto, and will permit access to Architect/Engineer books, records, accounts by the County and Compliance Review Agencies for purposes of investigation to ascertain by the compliance with such rules, regulations, and orders. In the event of the Architect/Engineer's noncompliance with the nondiscrimination clauses of this Agreement or with any of the said rules, regulations, and orders, this Agreement may be cancelled, terminated, or suspended in whole or in part in accordance with the Termination of Agreement section hereof and the Architect/Engineer may be declared ineligible for further contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, as amended by Executive Order 11375 and such sanctions as may be imposed and remedies invoked as provided in Executive Order 11375 and such sanctions as may be imposed and remedies invoked as provided in Executive Order 11246 as amended or by rules, regulations, and orders of the Secretary of Labor, or as otherwise provided by law.

The Architect/Engineer will include Section 7.1 Equal Employment Opportunity and Section 7.2 Nondiscriminatory Access to Premises of this Article in Architect/Engineer sub-contracts in excess of \$10,000.00, unless exempted by rules, regulations or orders of the Secretary of Labor issued pursuant to Section 204 of Executive Order 11246 of September 24, 1965, as amended by Executive Order 11375, so that such provisions will be binding upon each sub-consultant.

The Architect/Engineer shall take such action with respect to any subcontract as the County may direct as a means of enforcing such provisions, including sanctions for noncompliance, provided, however, that in the event the Architect/Engineer becomes involved in, or is threatened with, litigation with a sub-consultant as the result of such direction by the County or by the United States, the Architect/Engineer may request the United States to enter into such litigation to protect the interests of the United States.

7.5 DISABILITY NONDISCRIMINATION AFFIDAVIT: By entering into this Agreement with the County and signing the Disability Nondiscrimination Affidavit, the Architect/Engineer attests that it is not in violation of the Americans with Disabilities Act of 1990 (and related Acts) or Miami-Dade County Resolution No. R-385-95. If the Architect/Engineer or any owner, subsidiary or other firm affiliated with or related to the Architect/Engineer is found by the responsible enforcement officer of the Courts or the County to be in violation of the Act or the Resolution, such violation shall render this Contract terminable in accordance with the Termination of Agreement section hereof. This Contract shall be void if the Architect/Engineer submits a false affidavit pursuant to this Resolution or the Architect/Engineer violated the Act or the Resolution during the term of this Contract, even if the Architect/Engineer was not in violation at the time it submitted its affidavit.

7.6 AFFIRMATIVE ACTION/NON-DISCRIMINATION OF EMPLOYMENT, PROMOTION, AND PROCUREMENT PRACTICES (County Code Section 2-8.1.5): In accordance with the requirements of County Code Section 2-8.1.5, all firms with annual gross revenues in excess of five million dollars (\$5,000,000) seeking to contract with Miami-Dade County shall, as a condition of award, have a written Affirmative Action Plan and Procurement Policy. As a part of their vendor registration, a vendor shall affirm their compliance with the Miami-Dade County Affirmative Action Plan legislation.

Firms whose Boards of Directors are representative of the population make-up of the nation are exempt from this requirement and must submit, in writing, a detailed listing of their Boards of Directors, showing the race or ethnicity of each board member, to the County's Internal Services Department (ISD) – Small Business Development (SBD). Firms claiming exemption must submit, as part of their proposal/bids to be filed with the Clerk of the Board, an appropriately completed and signed Exemption Affidavit in accordance with County Code Section 2-8.1.5. These submittals shall be subject to periodic reviews to assure that the entities do not discriminate in their employment and procurement practices against minorities and women-owned businesses.

It will be the responsibility of each firm to provide verification of their gross annual revenues to determine the requirement for compliance with the County Code Section. Those firms that do not exceed \$5 million annual gross revenues must clearly state so in their bid/proposal.

- 7.7 CONTRACT MEASURES: The Architect/Engineer is required under this Agreement to achieve a **Disadvantaged Business Enterprise (DBE) Goal of 30%** in accordance with the Contract Measures applied to this Project as shown in the "Special Provisions" of this Agreement and the attached Contract Participation Form, DBE Utilization Form and Letters of Intent (**Appendix 4**) as presented in the Architect/Engineer's Proposal for the Project.

The Director may declare the Architect/Engineer in default of this agreement for failure of the Architect/Engineer to comply with the requirements of this paragraph.

ARTICLE 8

COMPENSATION FOR SERVICES

The Owner agrees to pay to the Architect/Engineer and the Architect/Engineer agrees to accept for all Services rendered pursuant to this Agreement, the amounts determined in accordance with this Article. No payment will be made to the Architect/Engineer for work performed without a Service Order.

All allocations of money as between Basic, Work-Site, Work-Related, and Dedicated services are for budgetary purposes only. The County, in issuing service orders, may transfer monies between such service categories without restraint, subject to the overall contract allocation for this Agreement. The Owner agrees to pay to the Architect/Engineer and the Architect/Engineer agrees to accept for all Services rendered pursuant to this Agreement, the amounts determined in accordance with this Article. No payment will be made to the Architect/Engineer for work performed without a Service Order. The Architect/Engineer agrees that all such services can be provided within the awarded amount of this Agreement.

- 8.1 **COMPENSATION FOR BASIC SERVICES:** Unless otherwise authorized by Amendment to this Agreement, payments to the Architect/Engineer for Basic Services, performed (including Reimbursable Expenses as described in Article 6), shall not exceed the Fixed Lump Sum Basic Services Fee of **Fourteen Million Six Hundred Two Thousand Three Hundred Sixty Dollars (\$14,602,360.00)**, which includes all of the Lump Sum amounts listed below in Article 8.2.
- 8.2 **PAYMENT FOR BASIC SERVICES UNDER THIS METHOD:** Except as provided hereafter, payments for each Phase shall not exceed the percentage of the total Basic Services compensation as shown on the following Schedule of Payments for Basic Services.

**SCHEDULE OF PAYMENTS FOR BASIC SERVICES
COMPENSATION DUE THE ARCHITECT/ENGINEER
UPON COMPLETION OF EACH OF THE PHASES OF THE
BASIC SERVICES**

PHASE NO.	COMPENSATION AS A % OF THE TOTAL BASIC SERVICES FEE
1A Program Verification	5% (\$730,118.00)
1B Preparation of Schematic Design Documents	5% (\$730,118.00)
2 Design Development	5% (\$730,118.00)

PHASE NO.	COMPENSATION AS A % OF THE TOTAL BASIC SERVICES FEE
3A 30% Complete Contract Documents	5% (\$730,118.00)
3B 75% Complete Contract Documents	15% (\$2,190,354.00)
3C 100% Complete Contract Documents	15% (\$2,190,354.00)
3D Bid Contract Documents	3% (\$438,071.00)
4 Bidding & Award of Contract	3% (\$438,071.00)
5 Work Related Services Through Final Acceptance of the Project including Commissioning, Start-up, and Acceptance Testing of BHS.	20% (\$2,920,472.00)
5 ISAT of BHS	20% (\$2,920,472.00)
5 LEED Certification	3% (\$438,071.00)
5 Warranty Inspection	1% (\$146,023.00)

- 8.2.1 The Architect/Engineer shall not be entitled to compensation for Phases 2 through 4 (Design Development through Bidding) for alternates required because of the failure of the Architect/Engineer to design the Project so that it may be constructed within the total established construction budget.
- 8.2.2 No further progress payment will be made should the Probable Construction Cost of any phase exceed the budget until an alternate design is provided in accordance with the requirements of this Agreement, or should the specified Project LEED criteria reporting or documentation fail to be kept current.
- 8.2.2.1 In the event that a Prolonged Period of Work Related Services becomes necessary, payment for the Prolonged Period of Work Related Services shall be the same amount as the monthly installment payments for Work Related Services Through Final Acceptance of the Project. Payments for a Prolonged Period of Work Related Services shall begin once the original contract time has been exceeded by 20% if such extended time is not due to any fault of the Architect/Engineer.

8.2.2.2 Release of Final Payment to the A/E shall be contingent upon application to and submittal of all required LEED project data necessary for the required certification by the certifying body.

8.3 PAYMENT FOR ADDITIONAL SERVICES, WORK-SITE SERVICES, OR DEDICATED SERVICES: The fee for Additional Services, Work Site Services, and Dedicated Services will be computed by one of the following methods as mutually agreed to by the Owner and the Architect/Engineer:

Fixed Lump Sum

Multiple of Direct Salaries

8.3.1 Fixed Lump Sum: Under this compensation basis, the Architect/Engineer agrees to perform specifically described services for an agreed fixed dollar amount of compensation.

8.3.2 Multiple of Direct Salaries: Under this compensation basis, the Architect/Engineer is compensated for the time of personnel engaged directly in performing Services under this Service Order. The compensation to be paid shall consist of the Direct Salaries of such personnel, as reported to the Director of the United States Internal Revenue Services, times a multiple of such Direct Salaries. All payments on the Multiple of Direct Salaries basis shall be in accordance with the payment for Additional, Work-Site, or Dedicated Services Allowance Account section of this Article. A not-to-exceed cap for the total fee for assignments given under this compensation basis shall be established prior to the issuance of the initial Services Order.

8.3.3 The Fee to the Architect/Engineer for Additional, Work Site, or Dedicated Services based on a Multiple of Direct Salaries shall be determined as follows:

8.3.3.1 Compensation for two (2) Principals shall be at the flat rate without application of any multiplier of \$250.00 per hour.

Principals to be paid this rate are those listed by name in Appendix 2- "Principals of the Architect/Engineer", attached to this Agreement.

Upon mutual agreement between the Owner and the Architect/Engineer, the Principals identified in Appendix 2 - "Principals of the Architect/Engineer" may be substituted, provided the total number of Principals does not exceed the number of Principals originally listed.

8.3.3.2 Compensation for all other personnel performing off-site Additional or Dedicated Services shall be at a multiple of 2.85 times Direct Salaries. The maximum rate of compensation for personnel including the multiple of direct salary shall not exceed the following:

PERSONNEL	MAXIMUM HOURLY RATE	OFF-SITE MULTIPLIER	ON-SITE MULTIPLIER
Sr. Project Manager	\$80.00	2.85	2.25
Project Manager & Registered Technical Staff	\$70.00	2.85	2.25
Administrative Support/Clerical	\$45.00	2.85	2.25

8.3.3.3 In the event the Department authorizes the Architect/Engineer to perform Work-Site Services, compensation for non-Principal personnel on-site, shall be at a multiple 2.25 of times the Direct Salaries. The maximum rate of compensation for personnel including the multiple of direct salary shall not exceed those listed above.

After the first three (3) years of this Agreement, the Owner may, by authorized Service Order only, adjust the maximum rates of compensation for personnel as listed above, (excluding the multiple) by the lower of either the percentage increase in the Consumer Price Index (CPI) for the Miami urban area or the cost of living adjustment for the County non-union bargaining unit; provided, however, the cumulative increase for the term of the Agreement including extensions shall not exceed an aggregate total of ten percent (10%).

8.3.3.4 Compensation for authorized overtime services must be approved in writing by the Owner prior to incurring overtime charges. For Employees that are salaried and are not required to be paid time and one half for work over 40 hours, forty (40) hours multiplied by the base pay rate (\$) multiplied by the appropriate multiple (M) based on whether the Services are Additional or Work-Site; plus Hours Worked Beyond Forty (40) Hours During the Week (Hrs) multiplied by the pay rate (\$) multiplied by 1.1. Using conventions contained in Microsoft Excel, the equation for this would be:

$$(40 * \$ * M) + (Hrs * \$ * 1.1)$$

EXAMPLE

Hours worked during week = 50

Pay rate = \$30/hr.

Multiplier = 2.65

$$(40 * 30 * 2.65) + (10 * 30 * 1.1) = 3180 + 330 = \$3510 \text{ or}$$

For Employees that are on an hourly basis and are required to be paid at a time and one half overtime rate. Hours Worked Beyond Forty (40) Hours During Week (Hrs) multiplied by the premium pay rate (\$*1.5) and then multiplied by 1.1. Using conventions contained in Microsoft Excel, the equation for this would be:

$$(40*\$*M) + (Hrs*\$*1.5*1.1)$$

EXAMPLE

Hours worked during week = 50

Pay rate = \$30/hr.

Multiplier = 2.65

$$(40*30*2.65) + (10*30*1.5*1.1) = 3180 + 495 = \$3675$$

8.3.3.5 The Architect/Engineer shall not invoice the Owner for charges for office, rent or overhead expenses of any kind, including, but not limited to, insurance, telephone (except long distance calls authorized by the Owner), utility charges, office/drafting supplies, depreciation of equipment, professional dues, subscriptions, reproduction of drawings and/or specifications for internal use, mailing, stenographic and/or clerical staff, nor shall it invoice for other employee time or travel and subsistence not directly related to the Project. The multiple factor set forth above shall cover all such costs pertinent to the Project.

8.3.3.6 When Additional Services, Work-Site Services, and Dedicated Services are authorized as a Multiple of Direct Salaries, the Architect/Engineer shall submit the name, classification, salary rate per hour, applicable multiple, hours worked, and total charge for all personnel directly engaged on the project.

8.4 PAYMENT FOR REIMBURSABLE EXPENSES: Reimbursable Expenses as described in Article 6 "Reimbursable Expenses" of this Agreement will be reimbursed by the Owner as verified by appropriate bills, invoices, or statements.

8.5 INVOICES AND METHODS OF PAYMENT: The Architect/Engineer shall submit monthly to the Project Manager, two (2) copies of a duly certified invoice for payments due on account of the portion(s) of the Services performed and eligible for payment based upon the earned value measurement procedure contained in the DSCMP. A copy of the applicable Service Order shall accompany the original copy of the invoice. The format, content, and submittal date of the invoice shall be as specified by the Project Manager. The Architect/ Engineer shall meet monthly with the Project Manager to verify that the Architect/Engineer's reported progress and earned value is in accordance with the accepted DSCMP. Monthly progress payments will be based on the monthly DSCMP meeting with the Project Manager.

Subsequent to the monthly DSCMP meeting, the Architect/Engineer shall submit its invoice for those services to the Project Manager. The Owner shall make payment in accordance with the provisions of Chapter 218 of the Florida Statutes. However, the Owner may reject the invoice in whole or in part. If rejected, the Owner shall notify the Architect/Engineer in writing, specifying the deficiencies and corrective action required. If the Owner rejects only a part of the invoice, the Owner shall pay the undisputed portion of the invoice on a timely basis. Rejected or partially rejected invoices shall be corrected by the Architect/Engineer and resubmitted to the Project Manager for payment. Resubmitted partially rejected invoices shall separately indicate the previously undisputed amount of the invoice.

- 8.6 PAYMENT TO SUB-CONSULTANTS: All payments to Sub-consultant(s) employed hereunder shall be the sole responsibility of the Architect/Engineer unless otherwise provided for herein or within a Service Order. The Architect/Engineer shall, upon receipt of progress and/or final billing(s) from such Sub-consultant(s) for Services satisfactorily performed incorporate such billing(s) in the manner and to the extent appropriate to the applicable payment basis (es), in the next following invoice submitted by the Architect/Engineer to the Owner. The Architect/Engineer shall not submit invoices that include charges for Services by Sub-consultant(s) unless such Services have been performed satisfactorily and the charges are, in the opinion of the Architect/Engineer, payable to such Sub-consultant(s). Following receipt by Architect/Engineer of corresponding payment from the Owner, the Architect/Engineer shall make all payments to such Sub-consultant(s) promptly and timely in accordance with the Florida Prompt Payment Act, Part VII, Chapter 218, Florida Statutes. Prior to any payments to Sub-consultant(s), the Architect/Engineer shall, if requested by the Project Manager, furnish to the Owner a copy of the agreement(s) providing for such payments.
- 8.7 SUBCONTRACTORS PAYMENT REPORT: In accordance with Section 2-8.8 of the County Code (as amended by Ordinance No. 11-90), an entity contracting with the County as a condition of final payment under a contract, the Consultant shall identify all subconsultants/subcontractors used in the work, the amount of each subcontract, and the amount paid to each subconsultant/subcontractor. In the event that the Consultant intends to pay less than the subcontract amount, the Consultant shall deliver to the County a statement explaining the discrepancy or any disputed amount in the attached Exhibit 5.
- 8.8 CONSEQUENCE FOR NON-PERFORMANCE: Should the Architect/Engineer fail to perform its services within the time frames outlined and such failure causes a delay in the progress of the Work, the Architect/Engineer shall be liable for any damages to the Owner resulting from such delay.

- 8.9 PAYMENT FOR ABANDONED, TERMINATED OR SUSPENDED SERVICES: In the event of termination or suspension of the services or abandonment of a Project Element(s) (including the failure of the Owner to advertise the Contract Documents for bids, or the Owner's failure to award a Contract for the Work on the basis of any such bids received, within the time limits set forth in this agreement) the Architect/Engineer shall be compensated as follows:
- 8.9.3 Payment for Services completed and approved prior to receipt by the Architect/Engineer of notice of abandonment of a Project Element, termination, or suspension, for which payment has not yet been made to the Architect/Engineer by the Owner, shall be made in the same manner as would have been required had such abandonment of a Project Element, termination or suspension not occurred.
- 8.9.4 For Services partially completed and satisfactorily performed prior to receipt by the Architect/Engineer of notice of abandonment of a Project Element, termination, or suspension, the Architect/Engineer shall be compensated on the basis of payment in same manner as would have been required had such abandonment of a Project Element, termination or suspension not occurred, adjusted to the level of completion portion of the service. A claim by the Architect/Engineer for compensation shall be supported by such data as the Owner may reasonably require. In no case shall fees for partially completed Services exceed the fees that would have been paid for such Services had they not been abandoned, terminated or suspended.
- 8.9.5 Upon payment to the Architect/Engineer for Service associated with abandoned, terminated, or suspended Project Elements in accordance with this Article, the Architect/Engineer shall have no further claim for Services related to the abandoned, terminated, or suspended Project Elements.
- 8.9.6 No payment shall be made by the Owner to the Architect/Engineer for loss of anticipated profit(s) from any abandoned, terminated, or suspended Project Elements.
- 8.10 NOT USED:
- 8.11 MAXIMUM PAYABLE FEE FOR REIMBURSABLE EXPENSES: The aggregate sum of all payments to the Architect/Engineer for Reimbursable Expenses payable on this Project shall not exceed \$680,000.00. Any portion of this sum for which payment is not authorized in writing by the Project Manager shall remain the property of Owner.
- 8.12 DEDICATED SERVICES ALLOWANCE ACCOUNTS: Any Dedicated Services, Allowance Account expenses shall be approved by the Owner in advance and authorized by a Service Order.

- 8.13 CONTINGENCY ALLOWANCE ACCOUNTS: Pursuant to 2-8.1 of the Code, an Allowance of ten percent (10%) of the project base estimate, not exceeding **One Million Four Hundred Sixty Thousand Two Hundred Thirty-Six Dollars (\$1,460,236.00)**, may be used by the Owner for unforeseen conditions. Any Allowance Account expenses shall be approved by the Owner in advance and authorized by a Service Order. Any portion of this sum for which payment is not authorized in writing by the Project Manager shall remain the property of Owner.
- 8.14 INSPECTOR GENERAL AUDIT ACCOUNT: An audit account is hereby established to pay for mandatory random audits by the County's Inspector General pursuant to County Code Section 2-1076. The amount for the Inspector General Audit Account is hereby set at **\$40,156.00**. The Consultant shall have no entitlement to any of these funds. The Owner retains all rights to these funds, may expend these funds at its sole discretion, and any funds not expended from these audit accounts remain the property of the County.
- 8.15 TOTAL AUTHORIZED AMOUNT FOR THIS AGREEMENT: The Total Authorized Amount including the IG Audit Account for this Agreement is **Sixteen Million One Hundred Two Thousand Seven Hundred Fifty-Two Dollars \$16,102,752.00**. The Owner retains all rights to these funds, may expend these funds at its sole discretion, and any funds not expended from this authorized agreement amount remain the property of the Owner.

ARTICLE 9

SPECIAL PROVISIONS

The Special Provisions, Article 9, incorporate all alternatives or deviations from the primary terms and conditions contained in Articles 1 through 8.

- 9.1 The scope of this Project is: See Appendix 6
- 9.2 At any time during the term of this Agreement Owner can require the Architect/Engineer provide Project Specific Professional Liability Insurance in the amount of \$1,000,000 (or such other amount as may be specified in these Special Provisions) per claim to last the life of the Project plus three (3) years. The premium for this coverage shall be reimbursed to the Architect/Engineer in accordance with Article 6 "Reimbursable Expenses" of this Agreement.
- 9.3 Pursuant to Article 2.1, the Architect/Engineer shall be furnished with the following documents or access thereto, as referenced in Basic Services: [list of relevant documents to follow, by document title, Project name if different than document title, Project/Contract number as appropriate, author or source of document, current location of document if other than MDAD Technical Support library.]
- 9.4 Pursuant to Article 3.28, the Architect/Engineer shall meet the minimum Silver LEED Certification category for this project.
- 9.5 Pursuant to Article 4.2.1, the Architect/Engineer shall furnish or cause to be furnished [architectural services; engineering services, including Baggage Handling System Engineering and all civil, structural, electrical, mechanical, plumbing, HVAC, and fire protection; interior design; signage and graphics; maintenance of traffic; safety plans; environmental, including removal and disposal of contaminated soils/water, asbestos abatement, erosion controls, Storm Water Pollution Prevention Plan (SWPPP) provisions, and preliminary application for the dewatering permits; lighting; communications; landscape design; industrial design; people movers; baggage conveyors; as well as related other apron facilities]. Roofing Design and Lightning protection design including certification.
- 9.6 Pursuant to Article 4.4.2, this Project is to be bid in a minimum of three (3) packages. The fee for designing this Project so that it can be bid in this number of packages and for performing Work Related Services for this number of packages is included in the Basic Services Fee.
- 9.7 Pursuant to Article 4.8.4, the Architect/Engineer shall visit the Work at a minimum of four (4) times per week to fulfill its responsibilities under Work Related Services.

9.8 Pursuant to Article 7.7, the contract measures for this Agreement are:

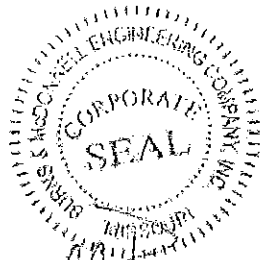
Disadvantaged Business Enterprise (DBE): 30%

9.17 This project is substantially funded by the Transportation Security Administration (TSA) and all procedures and requirements as stipulated in the Planning Guidelines and Design Standards for Checked Baggage Inspection Systems (PGDS) version 4.2 will be required to be met or exceeded, and is included as part of this Agreement. If there are conflicts between the MDAD Design Guidelines and Standards and the PGDS V 4.2 the more rigorous standards shall be followed.

9.18 The deduction of one quarter (1/4) of one (1) percent from each progress payment to pay for the functions of the Office of Inspector General is inapplicable because this Contract is either financed by aviation revenue bonds or funded by aviation revenue, which are subject to federal regulations.

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IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed by their appropriate officials as of the date first above written.



ARCHITECT/ENGINEER (CORPORATION)

Burns & McDonnell Engineering Company, Inc.

Legal Name of Corporation

ATTEST:

Secretary: Joelle Paracsi
Signature and Seal

By: [Signature]
of Architect/Engineer - Signature

Joelle Paracsi
Type Name

David G. Yeamans, President
Type Name & Title

ARCHITECT/ENGINEER (INDIVIDUAL, PARTNERSHIP OR JOINT VENTURE)

Legal Name

Witness: _____ By: _____
Signature

Witness: _____ By: _____
Signature

FEIN _____

MIAMI-DADE COUNTY BOARD OF COUNTY COMMISSIONERS

By: _____
Mayor

ATTEST: Harvey Ruvin, Clerk

BY: _____
(Miami-Dade County Seal)

Approved for Form and Legal Sufficiency

(Assistant County Attorney)

APPENDIX 1

NOT USED

APPENDIX 2

PRINCIPALS OF THE ARCHITECT/ENGINEER

<u>Name</u>	<u>Firm</u>	<u>Title</u>
Bret Pilney	Burns & McDonnell	Principal – Officer In-Charge
Dave Mecartney	BNP Associates	Principal/Sr. Vice President

APPENDIX 3

CRITICAL PERSONNEL

STAFF PERSON	TITLE	COMPANY
Bret Pilney, PE	Vice President	Burn & McDonnell
Jim Rosick, PE	Project Manager	Burn & McDonnell
Rob Fish	Senior Associate Architect	Burn & McDonnell
Bob Smith	Project Manager	Burn & McDonnell
Mauricio Pizarro	Project Manager	Burn & McDonnell
Ron Crain	Senior Project Manager	Burn & McDonnell
Steven LaPorta	Vice President	BNP Associates
John Majewski	President	JSM Associates
Brian Shomock	Sr. Program Manager	JSM Associates
Mel F. Garcia, P.E.	Vice President	Gartek Engineering
Daphne Gurri, AIA, ID, LEED AP	Principal	Gurri Matute Architects
Jose G Matute, AIA, ID, LEED AP, CGC	Principal	Gurri Matute Architects
Louis Aguirre	President	Louis J Aguirre
Abdel F. Martel	Partner	Mobio Architecture

APPENDIX 4

DISADVANTAGED BUSINESS ENTERPRISE (DBE) PARTICIPATION
PROVISIONS, PROJECT WORKSHEET, DBE UTILIZATION FORM/LETTER(S) OF
INTENT, DBE CONTRACT PARTICIPATION FORM

APPENDIX 5
SUBCONTRACTORS PAYMENT REPORT

APPENDIX 6
SCOPE OF SERVICES

AFFIDAVITS